Digitized by the Internet Archive
in 2014

https://archive.org/details/b19974760M3686

CHEMIST and DRUGGIST OCTOBER 4, 1947

The
CHEMIST AND DRUGGIST
for RETAILER - WHOLESALER - MANUFACTURER

Established 1859 28 Essex Street, Strand, London, W.C.2. Registered as a Newspaper

3528
Vol. CXLVIII OCTOBER 4, 1947 Annual Subscription (with Diary) 30/-. Single Copies 1/-

Haliborange
TRADE MARK

The nicest way of taking Halibut Liver Oil

ALLEN & HANBURYS LTD., LONDON, E.2
Telephone: BISHOPSGATE 3201 (12 lines). Telegrams: GREENBURYS, BETH, LONDON

Index to Advertisers pp. 5 & 6

A PROFITABLE WINTER LINE

Reduced Prices for

HALIVEROL

capsules

From November 1st, the list prices of 'Haliverol' Capsules to the public and professions will be reduced as follows :—

	NEW PRICE	FORMER PRICE
Vials of 25 capsules.....	3/0 each	4/0 each
Bottles of 100 capsules.....	10/6 each	13/6 each

(Exempt from Purchase Tax)

Bonus terms are available for Pharmacists

Ask our representative for particulars or write to 50 Beak Street, London, W.1. Good stocks are at present available.

NOTE:
The prices of 'Haliverol' liquid remain unchanged.

SELL THE PRODUCT OF UNIQUE EXPERIENC

Parke, Davis & Co., have the benefit of 27 years of experienc in the study of vitamins and in extensive manufacturing vitamin preparations. They not only pioneered in vitami research but, in co-operation with another Laboratory developed the first commercial production of vitamin prepara tions from halibut livers.

Parke, Davis & Co., 50 Beak St., London, W.1

Laboratories : Hounslow, Middlesex. *Inc. U.S.A., Liability, Ltd*

Show 'Elasto'—It Sells on Sight!

It's advertised as a Chemist's line

PLEASE NOTE
20/1 Pack
(one bottle free)
AGAIN AVAILABLE
see prices below

A PRODUCT OF BIOCHEMICAL RESEARCH.
PROMOTES NORMAL, HEALTHY CIRCULATION

'ELASTO' Advertising is Nation-wide and Consistent. An ever-increasing demand for this product is being created at your very door; a slight effort on your part will bring this new and profitable business to your counter. A showcard or a few 'Elasto' cartons displayed in your window will bring most gratifying results. You can recommend 'Elasto' with confidence for all circulatory disorders including Varicose Veins, Bad Leg, Skin Troubles, Rheumatism and poor General Health. A tablet Remedy, easy to handle and reliable.

Recommend 'Elasto'—and a satisfied customer will recommend You!

RETAIL (Including Tax)	P.A.T.A.	*WHOLESALE (Including Tax)*
5/- per bottle (one month's supply)		36/- per dozen
20/- five bottles (Including one free)		168/- per dozen

he NEW ERA TREATMENT CO., LTD.
ECIL HOUSE, HOLBORN VIADUCT, LONDON, E.C.1

Whiffen's

ENGLISH REFINED

CAMPHOR B.P.

in flowers

which has been unobtainable for so many years is now available in moderate quantities.

ALL PARTICULARS CAN BE HAD ON APPLICATION TO :

WHIFFEN & SONS LTD.

ALDERSGATE CHEMICAL WORKS
FULHAM, LONDON, S.W.6

TELEPHONE :
RENOWN 3416 (Private Branch Exchange)

TELEGRAMS
WHIFFEN, LONDON

The richest sources of vitamins A and D—the livers of fish — have always had the disadvantages of strong taste and difficulty of mixing with milk. Crookes have now developed their new Halibut Oil ***Emulsion*** for Infants to overcome these difficulties. This new Emulsion, which is basically the highly potent Crookes Halibut Oil, mixes immediately with milk and is agreeable to take. Three drops in the infant's feed, for only 4 of the daily feeds, provides 3000 I.U's of vitamin A and 800 I.U's of vitamin D.

CROOKES HALIBUT OIL **EMULSION** FOR INFANTS

Obtainable only from Chemists — 3/6d a bottle. *Literature available upon request.*

THE CROOKES LABORATORIES LIMITED, PARK ROYAL, LONDON N.W.10

Kennel Club registrations show that more and more people are buying good dogs today, which means that more and more people are taking trouble with their dog, seeing that he's well kept and well groomed. Tha is why "Bloom" Shampoo Cleansfur, and Chalk Block hav become such steady all-the-year seller in the Bob Martin range.

"BLOOM" SHAMPOO
Soapless. No free alkali to irritate tender skin. Doesn't remove the natural oils which give the coat "bloom".

CLEANSFUR
Fine antiseptic powder for dry cleaning, especially useful in winter and for delicate dogs.

CHALK BLOCK
For final grooming of white or parti-coloured dogs. (Makes white coat brilliant white.)

BOB MARTIN LTD. **SOUTHPORT, LANCS.**

P.A.T.A.

NDEX TO ADVERTISERS

bbot Laboratories (England), Ltd. xx
delphi Manufacturing Co., Ltd. v
lan Dick Studio xxviii
llen & Hanburys, Ltd. ..... Front Cover
ndrews Bros. (British), Ltd. v
yrton, Saunders & Co., Ltd. 8

arker, R., & Son, Ltd. ..... Leader Page
arnes Gowland & Co., Ltd. xxiv
eatson, Clark & Co., Ltd. vi
eaulah, J. & J., Ltd. xx
Belfast Telegraph " xv
ell, John, Hills & Lucas, Ltd. ..... Leader Page
engué & Co., Ltd. 13
etalax Co., The xxv
illig, J., & Sons, Ltd. xvi
lackwell, Hayes & Co., Ltd. iii
ob Martin, Ltd. ..... 4, xiv
oxfoldia, Ltd. xiii
retts, Dr., Laboratories xxii
ritish & International Proprietaries, Ltd. xxviii
ritish Cod Liver Oils (Hull & Grimsby), Ltd. 12
ritish Drug Houses, Ltd., The 6
ritish Rototherm Co., Ltd. vi
ritish Schering, Ltd. 10
ritish Solvates, Ltd. xxiii
urgoyne Burbidges & Co., Ltd. 1
urrough, James, Ltd. ..... Leader Page
urroughs Wellcome & Co. 27
ush, W. J., & Co., Ltd. ix

arter Little Liver Pills xviii
iba, Ltd. 28
ontinental Laboratories, Ltd. xxiii
ox, Arthur H., & Co., Ltd. ..... Cover iv
remsa Products xxviii
roda, Ltd. 10

Crookes Laboratories, Ltd. 3
Cross & Max xxiii
Cupal, Ltd. xxii
Cussons, Sons & Co., Ltd. ..... Cover iii

Dales Aspirin & Tableting Co. 15
Daniel, Richard, & Son, Ltd. 13
Davenport, J. T., Ltd. 23
Dearborn (1923), Ltd. 25
Devon, D., Ltd. 25
Downings, Ltd. xxi
Dring, J., Ltd. iv
Drugs & Toilets (Pty.), Ltd. iii
Duncan, Flockhart & Co. iii
Dunlop Hot Water Bottles vii

Edosan, Ltd. vi
English Grains Co., Ltd. 10
Esmorea Chemical Products, Ltd. xxvi

Faylene Manufacturing Co. xviii
Ferris & Co., Ltd. 10
Field, C. W., Ltd. ii
Finley Kale, Ltd. 15
Freeman, William & Co., Ltd. iv
Freudentheil, Smith & Co. ..... Leader Page

Gardiner & Co. (The Scotch House), Ltd. xiii
Glaxo Laboratories, Ltd. 19
Gosheron, John & Co., Ltd. xiv
Guest, Thos., & Co., Ltd. 12
Guiterman, S., & Co., Ltd. xvii

Haller Laboratories, Ltd. xvi
Hampshire, F. W. & Co., Ltd. 9
Harrogate Tablet Co., Ltd. xxv
Hirst, Stuart, Ltd. ..... Leader Page
Home and Away Distributors, Ltd. xxviii
Hough, Hoseason & Co., Ltd. 14

(*continued overleaf*)

This pack simplifies dispensing

TRADE TERMS

Packs of 24 tablets (as illustrated) 38/- per dozen, plus 6/4 purchase tax. Retail price 4/9 each, inclusive of purchase tax.

(Schedules I and VII)

For Smith, Kline & French Laboratories

'DEXEDRINE' Tablets

(5 mg. dextro-amphetamine sulphate)

The prescription pack of 'Dexedrine' contains 24 tablets in three 'Sealtite' units of eight. Each unit has a perforated label from which the statutory wording can be detached, leaving a space for the doctor's directions.

' Dexedrine ' is being widely prescribed for the treatment of depressive states and for the control of appetite in weight reduction.

Obtainable from all wholesalers.

MENLEY & JAMES LTD.
123 Coldharbour Lane
London, S.E.5

INDEX—(cont.)

Imperial Chemical (Pharmaceuticals), Ltd. ... 20
Innana Beauty Products ... 25
International Laboratories, Ltd. ... xxiv
Iron Jelloids ... xxviii

Jeffreys, Miller & Co., Ltd. ... 15
Jobling, J. A., & Co., Ltd. ... v

Kenrosa, Ltd. ... 26

Lathfome Soap ... 26
Lyons & Neil ... xxvi

Macdonald & Son, Ltd. ... vii
Madeleine (Perfumers), Ltd. ... xxvi
Margolis, Sidney ... xxiv
Martin, Bob, Ltd. ... 4, xiv
Mather, Wm., Ltd. ... viii
May & Baker, Ltd. ... 18
Medical Specifics, Ltd. ... xix
Menley & James, Ltd. ... 5
Momand, Don S., Ltd. ... 21

Napp, H. R., Ltd. ... Leader Page
New Era Treatment Co., Ltd. ... 1
Newball & Mason, Ltd. ... Leader Page
North British Rubber Co., Ltd. ... xi
Nostax, Ltd. ... 15

Organon Laboratories, Ltd. ... 11
Omerod Engineers, Ltd. ... iv
Oxo, Ltd. ... 22

Parke, Davis & Co. ... Cover ii
Peat Products (Sphagnol), Ltd. ... xxii
Percenta, Ltd. ... vi
Potter & Clarke, Ltd. ... 17
Premo & Silks Toilet Co. ... 24

Ransom, Wm., & Son, Ltd. ... x
Reed Bros. (Engineering), Ltd. ... vi
Reliance Rubber Co., Ltd. ... xv
Rendell, W. J., Ltd. ...
Revai & Co., Ltd. ...
Riddell Products, Ltd. ...
Rozalex, Ltd. ...

Scruton, Oscar, & Co., Ltd. ...
Scurr, C. A. ... x
Sherley, A. F. & Co., Ltd. ...
Sidnick, M., & Co., Ltd. ...
Sigal, S., & Co., Ltd. ...
Simpkin, A. L., & Co., Ltd. ...
Singer, Ernest M. ...
Smith, Saville & Ptnrs. ... x
Smith, T. J., & Nephew, Ltd. ...
Soft Drinks Industry ...
Sorelle, Jean, Ltd. ...
Splendor, Ltd. ... x
Stannard, A. E., Ltd. ... x
Surgical Equipment Supplies, Ltd. ...
Suter, A. F., & Co., Ltd. ...
Sutton, W., & Co., Ltd. ...

Tampax, Ltd. ...
Three Crowns Tablet Co. ... xx
Town Talk Polish Co. ...
Tye, John, & Son, Ltd. ...
Tyne Truck & Trolley Co., Ltd. ...

United Chemists Association, Ltd. ...

Vigon, J. J., & Co., Ltd. ... xx

Watford Chemical Co., Ltd. ...
Wesley, Harold, Ltd. ...
Westminster Laboratories, Ltd. ...
Whiffen & Sons, Ltd. ...
Wilcox, Jozeau & Co., Ltd. ... Leader P
Wilson & Mansfield, Ltd. ...
Wiseman, J. H., & Co., Ltd. ... xx
Wrens (Pty), Ltd. ...
Wylies Cleansers, Ltd. ... x

Calsimil is medically prescribed to supplement the calcium intake in pregnancy and lactation. It has a particular value also in cases of chilblains and for growing children, during formation of bone and teeth.

Its pleasant flavour makes this product easy to take, a great advantage where daily dosage is high.

CALSIMIL

Trade Mark

(Calcium Sodium Lactate with Vitamin D)

THE BRITISH DRUG HOUSES LTD. LONDON N.

...yet another famous

Ucal

PRODUCT

NOW AVAILABLE IN LIMITED SUPPLIES

The famous brand of "UCAPAIN" Tablets for the quick relief of Headaches and Neuralgic Pains is now available and is again being advertised in the National and Provincial Press. Are you stocked to meet the demand? Tubes of 12 tablets **1/3d., 8/-** per dozen, plus tax 1/4d.

UNITED CHEMISTS ASSOCIATION LTD. UCAL WORKS · CHELTENHAM

AYRTONS FOR PENICILLIN

PENICILLIN CREAM

No. 1 MAKING SET (The Original) ANHYDROUS
Per Set (to make 6 pots) ... **6/-** *Penicillin (100,000 units)* ... **1/-**

No. 2 MAKING SET. HYDROUS
Per set (to make 4 pots) **8/-**

No. 3 DAILY POSTAL SERVICE. Penicillin Cream B.P. freshly made and posted immediately. *Per ounce, post paid* **2/-**

PENICILLIN SOLUTION TABLETS.
Each tablet 12,500 units — *Tubes of 8* ... **2/-.** *Bottles of 80* ... **15/6**
,, ,, 10,000 ,, — ,, *10* ... **2/-.** ,, *100* ... **15/6**

CHLOROCRESOL SOLUTION 0·05% for the preparation of Aurist, Guttae and Narist PENICILLIN. *Each*—4 oz. ... **2/-.** 10 oz. ... **3/-.** 20 oz. ... **4/-**

PENICILLIN OINTMENT B.P.
1 oz. tubes or jars ... *per doz.* **16/-** *2 oz. jars* ... *per doz.* **20/-**

PENICILLIN EYE OINTMENT. *1 drachm tubes* ... ... *per doz.* **10/-**

PENICILLIN LOZENGES B.P. *20's* ... ... *per doz.* **9/-**

PENICILLIN SNUFF "AYRTON" contains 10,000 units, Calcium Salt per gramme in a mentholised base. Packed in press-cap snuff tins containing *70 grains* ... ... *per doz.* **20/-**

PENICILLIN WITH STERILIZED POWDER SULPHATHIAZOLE.
5,000 units Calcium Salt per gramme.
Each — ¼ oz. ... **2/3** ½ oz. ... **4/-** 1 oz. ... **7/-**

AYRTON SAUNDERS & CO. LTD. LIVERPOOL

CHEMISTS! 42% profit is shown on many of the popular **RIDDELL** Asthma Inhalers. The initial sale means constant repeat orders for the leading preparation

ASTHMA **RIDDOBRON** INHALANT

the standard treatment for the relief and prophylaxis of all **allergic** conditions of respiration.

RIDDELL PRODUCTS LIMITED
AXTELL HOUSE, WARWICK ST., LONDON, W.1
and Manchester: 12 Mosley Street

P.A.T.A.

THIS IS THE BIGGEST-SELLING TABLET FOR CHAPS, CRACKS & CHILBLAINS

Your customers will see the national advertising and will come into your shop asking for Snowfire Healing Tablet. Be ready to meet this demand.

Display these famous tablets. *Recommend* them when customers ask for your help.

Prepare *now* for the biggest turnover yet in Snowfire Healing Tablets.

Remember this, too! With so many people in factories to-day, rough, sore hands will keep your stock of Snowfire Healing Tablets constantly on the move *even in good weather!* Build up your supply *now!*

SNOWFIRE HEALING TABLET 4d

F. W. HAMPSHIRE & CO. LTD., SUNNYDALE, DERBY

Many more Prescriptions will call for

'DERMUCID'

Developed by the research Laboratories of British Schering, this new product 'DERMUCID' is a topical application containing 'Albucid' 6% in a vanishing cream base.

Skin conditions of a more serious nature can be treated with 'DERMUCID' without embarrassment to the patient. More and more doctors who rely on British Schering sulphonamide preparations are prescribing 'Dermucid'. Stocks are available now. Please send for particulars at your earliest convenience.

Keep a Good Stock of this New British Schering Product

'DERMUCID'

Packings :—
Jars of 12.5 gramme - 1/9
" " 25 " - 3/-
" " 50 " - 5/-
Exempt from Purchase Tax and less the usual discount

Prescribed for Impetigo, Sycosis barbae and infected conditions of exposed skin.

BRITISH SCHERING LIMITED, 167-169 Great Portland Street, London, W.1

Selling the truth

THE Medical profession is giving yeast its true status as an essential source of Vitamin B and proteins—as a *food* and not a mere pick-me-up. Yestamin advertising helps to spread this truth and the nation-wide sales of Yestamin show that daily yeast is recognised as an important contribution to the health value of a restricted national diet.

In Bottles	*to retail at*	*Trade Prices*
100 TABLETS	**1/6**	**12/3 PER DOZ.**
300 TABLETS	**4/-**	**33/- PER DOZ.**

Less 5% Cash in 14 days

Vitamin B.1 ..... 2.10 *mgms. per oz.*
Riboflavin (B.2) ..... 1.45 *mgms. per oz.*
Niacin ..... 9.50 *mgms. per oz.*

Yestamin DAILY YEAST

THE ENGLISH GRAINS CO. LTD. BURTON-ON-TRENT

NEPENTHI

(The best and safest preparation of Opium)

Prescribed for over 100 years

FERRIS & COMPANY LIMITED, BRISTOL

EOSOL
TETRAHYDROFURFURYL ACETATE

the new lipstick solvent

CRODA LTD SNAITH. GOOLE. YORK

MAINTENANCE THERAPY

Sterile fused
pellets of
pure steroid hormones
in sealed
glass tubes
for ***implantation***

DOCA
OESTRADIOL
PROGESTERONE
TESTOSTERONE PROPIONATE

Further details on request

ORGANON LABORATORIES LTD.

Engaged solely in the production and distribution of natural and synthetic hormones, vitamins and related therapeutic substances

BRETTENHAM HOUSE, LONDON, W.C.2

TEMPLE BAR 6785 MENFORMON, RAND, LONDON

AGENTS THROUGHOUT THE BRITISH EMPIRE & MOST OVERSEAS TERRITORIES

A NAME
and a
STANDARD

"SURE SHIELD"
PRODUCTS

SURE SHIELD
THE SURE & SHIELD
SERIES
REGD REGD
BRAND
SURE SHIELD

'SURE SHIELD'
IODISED THROAT TABLETS

'SURE SHIELD'
FRUIT LAXATIVES

'SURE SHIELD'
GLYCERINE of THYMOL PASTILLES

LOZENGES. PASTILLES. TABLETS.

IN BULK and ATTRACTIVE PACKS

DELIVERIES. The position is now much improved. Although we are producing to our full capacity we still have to take orders in rotation and are making every effort to maintain an equitable distribution of our PRODUCTS.

Thos. Guest & Co. Ltd. *Manufacturing Chemists*
Carruthers Street, Manchester, 4

SevenSeaS
COD LIVER OIL

is a best seller and a quick mover Opportunities for increasing turnover are greate than ever this season. The greater your turnover the greater your service to the public.

Difficulties of production and transport are not going to be less. See that your requirements are well covered in good time for the winter season.

'SSUED BY BRITISH COD LIVER OILS (HULL & GRIMSBY) LTD., ST. ANDREW'S DOCK, HULL

Richard Daniel & Son Ltd

PROPRIETARIES
SUNDRIES DRUGS
TABLETS & PILLS

FOR CHEMISTS

Manufacturing Chemists

Head Office & Works Mansfield Road Derby Telephone 4266 (3 lines) Branch Warehouse Grosvenor St. Ashton-under-Lyne Telephone 2816 (2 lines)

BENGUE'S BULLETIN

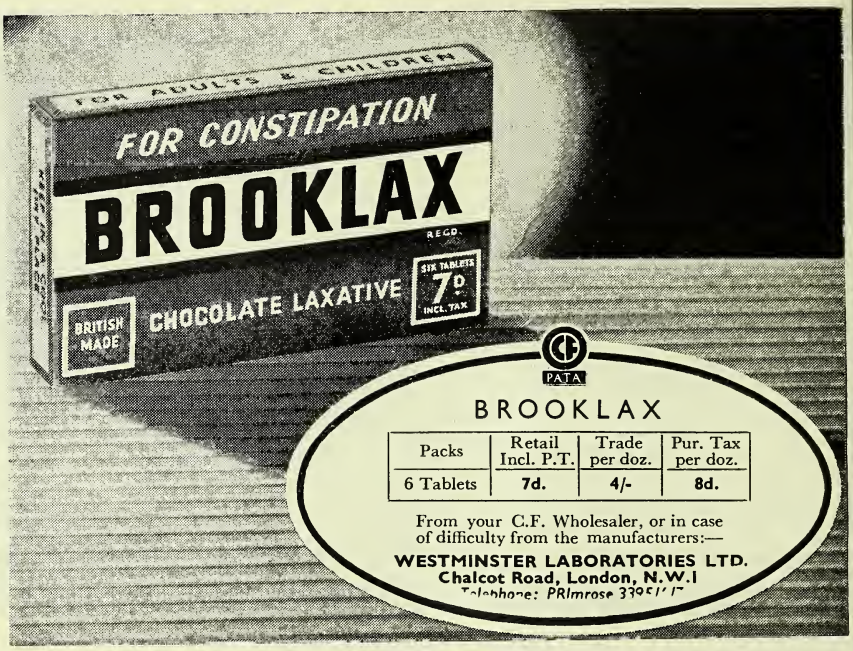
CF

YOU HAVE BEEN WARNED!

The difficulties of the coming WINTER will be ours as well as yours. ORDER *NOW* whilst our stocks are good, so as to ensure a supply of these increasingly popular WINTER LINES.

BENGUE'S BALSAM
PULMO (BAILLY)
RHINAMID

BENGUE & CO. LTD. — MOUNT PLEASANT — ALPERTON


FOR ADULTS & CHILDREN
FOR CONSTIPATION
BROOKLAX
REGD.
SIX TABLETS 7D INCL. TAX
BRITISH MADE
CHOCOLATE LAXATIVE
PATA
BROOKLAX
Packs | Retail Incl. P.T. | Trade per doz. | Pur. Tax per doz.
6 Tablets | 7d. | 4/- | 8d.
From your C.F. Wholesaler, or in case of difficulty from the manufacturers:—
WESTMINSTER LABORATORIES LTD.
Chalcot Road, London, N.W.1

ZAC MAGNESIA
ONE MORE to the popular ZAC range
RETAIL : 1/6 Inc. Tax. COST : 11/- Per Doz. Plus 16⅔% Purchase Tax.
★ Bonus : 13 to the dozen on Gross Lots.
★ Full 33⅓% Profit.
★ Nationally and Locally Advertised.
ORDER NOW! Also ZAC SUPER COMPOUND ZINC AND CASTOR OIL CREAM, ZAC DUSTING POWDER, ZAC GRIPE MIXTURE AND ZAC SYRUP OF FIGS.
HOUGH, HOSEASON & CO. LTD., LEVENSHULME, M/CR.
MEMBERS OF THE P.A.T.A.
ZAC
MAGNESIA
For Baby & Family Use
An efficient Antacid and Laxative
SHAKE THE BOTTLE.
Factory sealed, keep from freezing or intense heat.
HOUGH, HOSEASON & CO. LTD.
Manufacturing Chemists.
MANCHESTER, ENGLAND.
MADE IN ENGLAND

Shape of THINGS TO COME

PILLODINES—we venture to prophesy—have a bright and promising future ahead of them. These tiny silver coated pillules of specially treated iodine have striking prophylactic and therapeutic qualities that tackle the common cold in an extremely efficacious and unusual manner. *When dissolved slowly on the tongue they instantly mobilise and bring into action the body defence mechanism.* We are confident that once introduced to this new form of cold immunisation the public will be swift to recognise its virtues. A series of Chemists' window displays featuring the complete 30-day Pillodine treatment in the new 3/6d. one-at-a-time containers are now available. These will be the fore-runner of a vigorous trade and national press advertising campaign.

WATFORD CHEMICAL CO. LTD.

ephone: WELbeck 0264/8 30 BAKER STREET, LONDON, W.1 Telegrams: Watchempro', Wesdo, London

ntroducing an entirely new range of
HIGH QUALITY COSMETICS
Foundation Cream, Complexion Cream, Skin Food, Cold Cream, Lipsticks, Face Powders, and Perfumes, etc.
Also our well-known **NASTANT INHALANT** *for*
CATARRH, HAY FEVER ASTHMA, HEADACHES & GIDDINESS

HOME & EXPORT
NOSTAX LTD.
BOURNEMOUTH PARK ROAD
SOUTHEND-ON-SEA
Telephone: MARINE 68240
Telegrams: WINTERS' SOUTHEND
Prices sent on request

MILLAMALT

The VITAMIN MALT FOOD
With Vitamins (A. 6,500 I.U., D. 400 I.U. per fl. oz.)
Sole Manufacturers
JEFFREYS, MILLER & Co. Ltd. Leyland Mills, WIGAN. London Dept.: 19 Brookside Rd., N.1

DALTON DUSTING POWDER
—ATTRACTIVE PACK
—QUICK SALES
—GENEROUS PROFIT
In two-colour TINS
8/11 per doz. plus ⅙th P.T.
Special bonus offer for limited period only, 13 tins invoiced as 12 on 6 doz. lots
Sole Distributors for England and Wales
FINLEY-KALE Ltd., 21 Balham Hill, London, S.W.12
Telephone - Tulse Hill 1620

Compressed TABLET SERVICE
WHOLESALE & EXPORT
Reasonable estimates.
Clients' own material operated if desired.
The ...
DALES ASPIRIN AND TABLETING CO.
Barrows Lane, STEETON, Yorks.

A 25 day vitamin course in 25 TYEVITE capsul

BECAUSE EACH Tyevite vitamin capsule contai the recommended FULL DAILY prophylactic dos

RETAILS **5/-** PER BOX OF 25

FORMULA

Vitamin A 4,500 i.u. : : . equals standard capsule of Halibut Oil (N.W.

PLUS

Vitamin D (Calciferol) ...	600 i
Vitamin B1 (Aneurin hydrochloride)	0.3 M
Vitamin B2 (Riboflavin)	0.5 M
Vitamin C (Ascorbic Acid)	15.0 M
Vitamin E (Tocopheryl acetate) ...	0.15 M
equals 1 minim of high grade Wheat Germ Oil	
Calcii Phos.	20.0 M
Ferri Phos.	100.0 M

Other Tyebrand products include :— TYEBRAND Halibut Liver Oil (N.W.F capsules, TYEBRAND Vitamin A. & (N.W.F.) capsules, TYEBRAND Plura (N.W.F.) capsules, TYEBRAND Vitam " E " capsules, TYEBRAND Vitamin " D capsules.

INTRODUCTORY BONUS OFFE

Order TYEVITE in its new displ carton. Retailing at 5/- per b TYEVITE is the most economical priced vitamin course on the marke A complete 25-day course contained only 25 capsules. TYEVITE is head for the success achieved by other T products. Send now for introductor bonus offer—13 tins for trade price of 1

JOHN TYE & SON LTD. · MANUFACTURING CHEMISTS · 457 CALEDONIAN ROAD · N

CAPSULE MAKERS FOR OVER A CENTURY

ANTYEMOSTIK—A SHIELD AGAINST INSECT PESTS

TYESUCLEAN—CLOTHING STAIN-REMOVER

Best sellers are capsuled by TYE

LONDON'S COATS OF ARMS

St. Marylebone

The grant of arms was made to St. Marylebone—or St. Mary-on-the-Brooke—in 1901. The Fleur-de-lis in the upper portion is said to be taken from the arms of Lord Portman, and the wavy blue lines in the lower half represent the brook or bourne from which the Borough takes its name.

The notable possessions of the Borough include the Zoological Gardens and Lord's Cricket Ground; residents have included William Pitt, Cardinal Wiseman, Richard Brinsley Sheridan, Sir Edwin Landseer, Tom Hood, "George Eliot," and last, but by no means least, Napoleon III, who lived in Circus Road, St. John's Wood.

Motto: "Fiat Secundum verbum tuum."
(Be it according to thy word.)

DRUG MERCHANTS AND MANUFACTURING CHEMISTS

POTTER & CLARKE LTD

London & Manchester.

M&B PACKED PHARMACEUTICALS

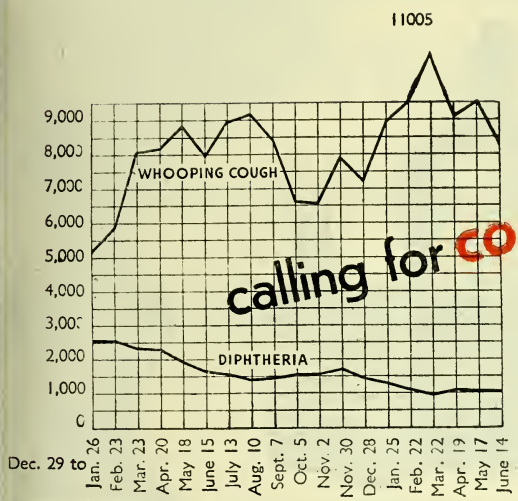
Analytical control - the sure foundation for accurate dispensing

From the arrival of the raw materials to the despatch of the finished product, every stage in the preparation of an M & B pharmaceutical is subject to precise and unremitting analytical control to ensure the maintenance of the highest standards of purity and therapeutic activity.

MAY & BAKER LTD. DAGENHAM

Wholesale distributors throughout the country

CH 3026



calling for COMBINED action

STATISTICS :
United Kingdom figures for reported cases, Dec. 29, 1945 to June 14, 1947 in 4-weekly periods from the Registrar-General's returns.

Large-scale diphtheria immunization is telling its own success story . . . . and now the development by Glaxo Laboratories of an efficient whooping cough vaccine brings nearer the promise of a similar trend in the statistical picture of pertussis.

For the convenience of *simultaneous* prophylaxis against both these diseases, the pertussis vaccine and diphtheria toxoid have been combined as one immunological weapon. Each cc. of the Combined Prophylactic *Glaxo* contains at least Lf 25 diphtheria prophylactic A.P.T. and 20,000 million H. pertussis (alum-precipitated). The course for primary immunization comprises three injections—0.5 cc., 0.5 cc., and 1.0 cc. at monthly intervals—a feature of clear advantage to those combating these diseases.

GLAXO

DIPHTHERIA-PERTUSSIS COMBINED PROPHYLACTIC *Glaxo*

Diphtheria Prophylactic A.P.T. *plus* Pertussis Vaccine (Alum precipitated) in 5 cc. and 10 cc. bottles.

GLAXO LABORATORIES LTD., GREENFORD, MIDDLESEX. BYRon 3434

The Control of Scabies

with

'TETMOSOL'

brand

TETRAETHYLTHIURAM MONOSULPHIDE

'Tetmosol' is a powerful sarcopticide, and in the forms of 'Tetmosol' Soap and 'Tetmos Solution has proved highly effective in both the prophylaxis and treatment of scabies.

The Solution (25%), diluted with water before use, provides a most satisfactory and certa method of treatment. It produces a rapid cure of scabies and has the advantage that application is painless and rarely gives rise to dermatitis.

'Tetmosol' Soap—a pleasantly perfumed soap tablet containing 5% tetraethylthiura monosulphide—is primarily intended for prophylactic use against scabies.

It has proved especially valuable for controlling outbreaks of the disease in families an in communities such as asylums, hospitals, schools, etc. The method of use is simple an convenient so that the co-operation of the scabies patient is readily secured.

'Tetmosol' Solution (25%). Bottles of 100 c.c., 250 c.c. and 2 litres.

'Tetmosol' Soap (5%). Single 3 oz. tablets and boxes of 36.

Literature supplied on request.

IMPERIAL CHEMICAL (PHARMACEUTICALS) LIMITED
THE RIDGE, BEECHFIELD ROAD, ALDERLEY EDGE, MANCHESTER

Ph.215

What's unique about Alka-Seltzer?

For the first time

★ **Acetyl Salicylic Acid**

★ **Sodium Bicarbonate** ★ **Citric Acid**

have been combined in a

chemically stable effervescent tablet

ka-Seltzer dissolved in a glass of water produces a sparkling, freshing, pleasant drink. In this form the Acetyl Salicylic Acid more readily assimilated, thus giving quicker relief from pain. t the same time the alkaline base, with sodium citrate, not only ards against digestive discomfort, but also neutralizes any excess id, often the cause of the pain.

ka-Seltzer is recommended for relief from: Acid indigestion, adache, distress of colds, most everyday aches and pains, and e discomfort caused by acid-producing foods and drinks.

RETAIL PRICES:

SMALL SIZE (12 TABLETS) **1/5**

LARGE SIZE (30 TABLETS) **2/10**

Including Pur. Tax.

Write for trade price list and particulars of display discounts to:

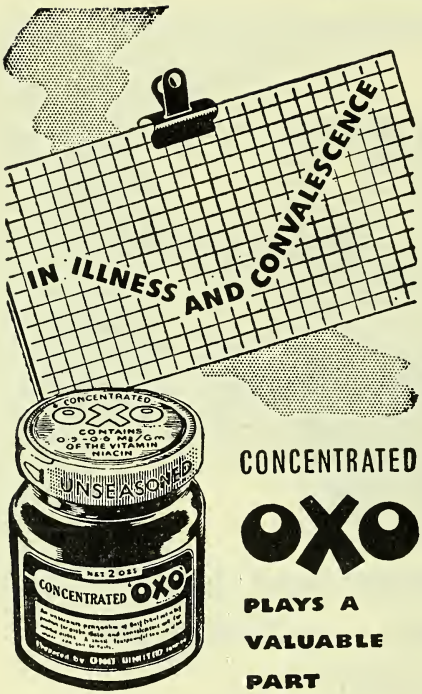
Don S. Momand Ltd., 57 Albany St., London, N.W.1

Sole Distributors for **Miles Laboratories.** *Established 1880*

Alka-Seltzer

QUICK DOUBLE-ACTION ALKALISES, RELIEVES PAIN

C



CONCENTRATED

OXO

PLAYS A VALUABLE PART

Concentrated OXO has a high content of the important vitamin Niacin.

Patients welcome its delicate flavour and react favourably to the energising effects of this highly concentrated preparation of Beef Extract and Beef Protein.

Economical, and quickly prepared as a beverage, concentrated OXO is also recommended for invalid cooking

Supplied by Chemists.

Complete Catalogue of Perfumery and Toilet Preparations sent on request

All products obtainable from your usual wholesaler or direct from

S. SIGAL & CO. LTD.

MANUFACTURERS OF EXCLUSIVE TOILET PREPARATIONS

47 TABERNACLE STREET, LONDON, E.C.2

M. SIDNICK & Co. LTD.

WHOLESALE

CHEMISTS' SUNDRIESMAN

MAIN AGENT FOR:

INNANA BEAUTY PRODUCTS

•

FOAM-SUDS

WASHING POWDER

•

EVANOL (SIMPLEX) **HAIR DYES**

•

And all leading makes of

COSMETICS and PHARMACEUTICAL PREPARATIONS

Regular Weekly Deliveries in Your Area.

CATALOGUE SENT ON REQUEST

11-12 FINSBURY SQ. LONDON, E.C.2

Phone: CLErkenwell 5642

The House of

SUTTON

Chemists' Wholesalers and Distributors for *4 Centuries*

★ PHARMACEUTICAL AND TOILET REQUISITES
★ PROPRIETARY MEDICINES
★ DRUGS AND SUNDRIES
★ FAMOUS FOR THE "SUTTEXA" RANGE
★ SERVICE TO THE CHEMIST EVERYWHERE

AGENCIES undertaken on advantageous Terms

W. SUTTON & CO. DRUGGISTS SUNDRIES LONDON LIMITED
Established 1660
Horseshoe Lane, Enfield, Middlesex
Telephone: Enfield 4747 (10 lines) Telegrams: Vinaigrette, Enfield

Dr. J. Collis Browne's Chlorodyne
and
The Pharmacy and Poisons Act, 1933

Dr. J. Collis Browne's CHLORODYNE

SALE RESTRICTED TO REGISTERED CHEMISTS

PURCHASER'S SIGNATURE NOT REQUIRED

Sole Proprietors:
J. T. DAVENPORT LTD.
UNION ST., LONDON, S.E.1

P.A.T.A.

for the
"EXQUISITE"
in
CONCENTRATED FRAGRANCE

PREEMO

perfume essences

. . . are economical and easy to use. These advantages, combined with essential purity and flower-like fragrance, are the all-important reasons why Manufacturers and Chemists of repute always specify Preemo Perfume Essences. Thus have Preemo Essences maintained for many years a reputation second to none. They are the perfect basis for the production of Beauty, Toilet and Cosmetic preparations of quality.

THE ESSENCE OF A GOOD PERFUME

PREEMO LIQUID COLOURS

For Lotions, Frictions, Shampoos, Bath Salts, Oils, Creams, Pomades, Powders and Perfumes

★ *PRICE LIST ON REQUEST*

PREEMO & SILKS TOILET CO.
330 KILBURN HIGH RD., N.W.6
PHONE: MAIDA VALE 3234

A NEW TALC

with the accent on fineness

In Jean Sorelle Talc Poudre de Luxe you have a powder of incredible fineness, made from really superior ingredients and delicately perfumed. Packed in a most attractive cream black and gold container Jean Sorelle de Luxe Talc Powder has a splendid future as a toilet preparation that will sell on appearance and utility.

Enquiries invited

Made by **JEAN SORELLE LTD.**
22, Turle Road, London, N. 4

MERCOLIZED WAX

Although supplies are strictly limited, every chemist and wholesaler who purchased direct from us in the basic period will receive a quota in proportion.

CLYNOL BERRIES for OBESITY

however are available to all.
Please send your enquiries to our distributors :—
POTTER & MOORE, LTD.
Lavender House,
Seymour Road,
LEYTON, E.10

DEARBORN (1923) LTD.

" Kern House," 36/38 Kingsway, London, W.C.2

'HIGHLIGHT' HAIR RINSE

By Innana

Tones, Tints and Beautifies the Hair

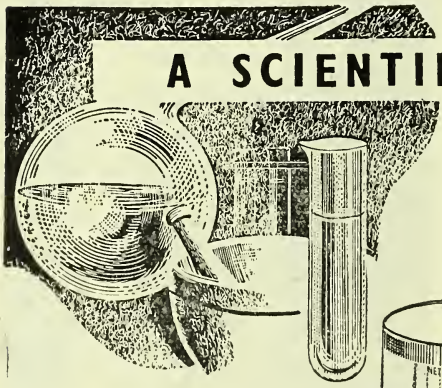
IN 7 NATURAL SHADES

Retail Price
6D. Inc. Tax

IN THE NEW ATTRACTIVE PACK

Enquiries to :—
INNANA BEAUTY PRODUCTS
44-46 ORMSIDE ST., LONDON, S.E.15
Telephone : NEW CROSS 3797

Sole distributors for United Kingdom
Stanwhite Ltd., Parkhouse Wks., London, S.E.5. Rod 4416



A SCIENTIFIC ACHIEVEMENT

A Compound that takes the place of SOAP

NO COUPONS REQUIRED

This remarkable gel from the laboratories of Moray Chemical Products Ltd., has all the detergent properties of good soap.

It is suitable for all household and toilet uses, and has no deleterious effect on the skin or delicate fabric.

LATHFOME is the scientific answer to the soap shortage. A heavy nation-wide demand is assured.

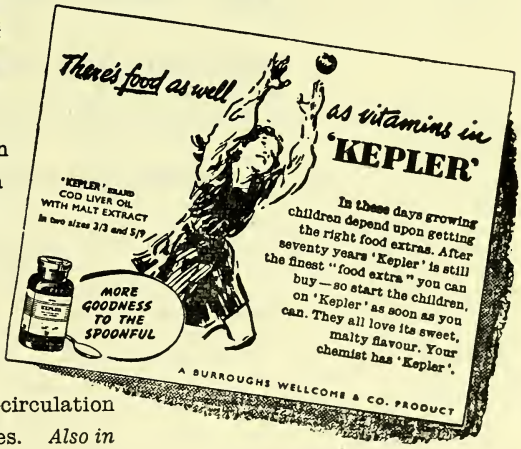
Licence No. 1487 S.R. & O. 1943/638/C.B.

Packed in attractive containers
8oz. Retail 1/-, 12oz. Retail 1/4d

Enquiries to **SOLE DISTRIBUTORS:-**
Dytex Sales Ltd., Tintex House, 245 Oxford Street, London, W.1.

A MORAY PRODUCT

COMPELLING ADVERTISING WITH A TOPICAL THEME KEEPS 'KEPLER' *in the news!*



The vigour of this advertising can hardly fail to stir the imagination of mothers—especially at this time, when they are more than ever conscious of the need of the right 'food extras' for their children. They can read the KEPLER message in the national press, the best provincial papers, the big-circulation journals and the women's magazines. *Also in your shop* if you display the new KEPLER window- and counter-cards. Ask our representative about them—they have a compelling attractiveness that leads to sales on the spot.

Two sizes **3/3** *and* **5/9**

BURROUGHS WELLCOME & CO. (*The Wellcome Foundation Ltd.*)
12, Red Lion Square, London, W.C.1. *Telephone: Chancery 6621*

Relieve

the NASAL CONGESTION of the COMMON COLD with

PRIVINE

Regd. Trade Mark

Three drops only of Privine Solution 1:2000 in each nostril produce a rapid decongestion of the nasal mucous membrane and sinuses lasting 4—6 hours

REDUCED PRICES from APRIL 1st.

	Old Price	New Price
1:2000 Solution for general use		
Bottles of ½ fl. oz. with dropper ...	4/-	3/6
Bottles of 4 fl. oz.	24/-	20/-
1:1000 Solution		
Bottles of ½ fl. oz. with dropper ...	4/6	4/3
Bottles of 4 fl. oz.	25/6	24/-

(Exclusive of Purchase Tax)

Price List on request

Supplies through usual channels

CIBA LABORATORIES LIMITED
HORSHAM . . . . SUSSEX

Telephone: Horsham 1234
Telegrams: Cibalabs, Horsham

The
CHEMIST AND DRUGGIST
For RETAILER—WHOLESALER—MANUFACTURER
blished weekly at 28 ESSEX STREET, STRAND, LONDON, W.C.2
Telegrams: "CHEMICUS, ESTRAND LONDON." Telephone: CENTRAL 6565 (10 lines)

CONTENTS

A Pharmacist's Anthology 422
BRITISH PHARMACEUTICAL CONFERENCE:
Branch Representatives' Meeting... 416
Science Sessions 419
Business Changes 402
Coming Events 428
Company News 400
Correspondence 422
Deaths 402
Editorial Articles:—
Profitable Discussions 413
Remote Control of Employment ... 413
Black Market Milk 414
Executive Councils 407
Fifty Years in the Wholesale Trade 408
Incompatibilities Due to Synthetic Surface-active Agents 415
Information Wanted 412
Insurance Act Dispensing 405
Irish News 399
Jubilee Window Displays 424
Legal Reports 400
Local News 398
Marriages 402
News in Pictures 403
News of the Week 397
P.A.T.A. 405
Personalities 402
Pharmaceutical Society of Ireland:—
Council Meeting 406
Topical Reflections 401
Trade Marks 428
Trade Notes 404
Trade Report 424
Zanzibar Cloves 427

NEWS OF THE WEEK

Poliomyelitis Figures.—The number of es of poliomyelitis notified in England l Wales during week ended September 571, one less than in the previous week.

Streptomycin Trials.—The following e been aded to the list of hospitals at ch cases of tuberculous meningitis and iary tuberculosis may be received for atment with streptomycin (see *C. & D.*, tember 6, p. 290): *Birmingham:* Queen zabeth Hospital (for adult patients only; ldren are admitted to the Children's spital, Birmingham, which was included the original list); *London:* Hospital for k Children, Great Ormond Street.

Meeting of Statutory Committee.—A eting of the Statutory Committee of the armaceutical Society is being held at 17 omsbury Square, London, W.C.1, on nday, October 6, at 11.30 a.m., to con- er a complaint received concerning the vertising of dispensing services by a cor- rate body registered as an authorised er of poisons. The inquiry will be ened in public and, unless the Committee ects otherwise also heard in public.

Dentists' Remuneration. — The inter-departmental committee set up by the Minister of Health and the Secretary of State for Scotland, under the chairmanship of Sir Will Spens, C.B.E., "to advise on the range of total professional income of a registered dental practitioner in any publicly organised service of general dental practice" is inviting evidence from organisations directly interested. Other interested bodies or persons wishing to place their views before the committee should submit memoranda to the joint secretaries of the committee, Ministry of Health, Whitehall, London, S.W.1, not later than October 31.

Guild of Public Pharmacists. — At a recent meeting of the Council of the Guild of Public Pharmacists, the treasurer reported that the finances of the Guild were in a satisfactory state. The registrar submitted sixteen applications for membership and recommended six deletions. It was reported that all but 4 per cent. of the membership had paid the current subscription. The Council authorised the editors of the "Public Pharmacist" to offer pay-

ment for articles of outstanding pharmaceutical merit submitted by members for publication. District members of the Council reported that branches in their areas had made preparations for a full winter session. Three resolutions from the London Branch were deferred for more detailed consideration. Appropriate action was authorised to be taken concerning a number of salary anomalies. A change in the secretaryship of the Professional Staffs Committee was reported and certain changes in its constitution were agreed. It was decided to refer the question of a London allowance to the Professional Staffs Committee. The third report of the Joint Negotiating Committee was received, and it was pointed out that most of the provisions for pharmacists were already being applied. A further meeting with the London County Council had recently taken place, and it was reported that promising results were expected. It was agreed that the Guild should continue membership of the Joint Committee on a National Pharmaceutical Service, and of the Consultative Committee of Employee Organisations. Matters concerning the reorganisation of the districts were held over.

LOCAL NEWS

Streatham Oxygen Service.—An emergency oxygen service has been inaugurated by the Streatham division of the British Red Cross Society, to make cylinders of oxygen, with the necessary fittings, available to local doctors at any hour of the day or night. The oxygen is stored by London Motors, Ltd., 516 Streatham High Road, London, S.W.16 (Telephone: Pollards 4444).

Stretford Shops Census.—A census conducted recently by the Stretford, Manchester, chamber of trade, revealed that of 888 sets of shop premises in the area, 733 were occupied by private traders, sixty-four by branches of multiple companies, and sixteen by co-operative societies. Of the remainder, forty were occupied as offices by banks and similar organisations, while thirty-five were unoccupied, mainly as a result of bomb damage.

Sheffield Annual Meeting.—There was a good attendance at the annual meeting of the Sheffield Branch of the Pharmaceutical Society on September 24, when Mr. W. Jamieson gave a report on the Branch Representatives' meeting, at which he had represented the Branch. An election for the executive committee took place, a among the successful candidates was M B. A. Dove (chairman, Sheffield Branc National Association of Women Pharm cists). The following officers for 1947- were then elected: *President,* Mr. Stocks; *Vice-president,* Mr. R. H. Drinna *Treasurer,* Mr. C. A. Fox; *Secretary,* M S. Durham, 29 Stephen Hill Road, Sh field, 10. The meeting was the first of series of meetings planned for the last We nesday of each month until the spring.

North-eastern Public Pharmacists.— meeting of the North-eastern Branch the Guild of Public Pharmacists was he at the Harrogate General Hospital on Sep ember 20. An account of a recent trip Switzerland was given by Mr. J. Mye (chairman), who described hospitals he ha visited in Zurich and Basle. The Zuri hospital, he said, had an excellent pharma department with a library, a suite of offic for the chief pharmacist, a balance roor and "all the manufacturing apparatus pharmacist could desire." Mr. A. M Stephenson (a district representative) the reported on a recent meeting of the Counc of the Guild. After tea, at which membe were the guests of the hospital governor an address on "Chronic Rheumatic Di orders" was given by Dr. T. Glentwort Reah.

Manchester Golf.—During the fina meeting of the season organised by th Manchester Pharmaceutical Golfing Societ and held at Prestbury on September 24, th president's team succeeded in defeating th captain's team. A competition for th Woolley trophy was won by Mr. A. D. Mac donald. At a dinner held after the meet ing, Mr. T. Miller (president) distribute the following prizes won during the season Griffiths Hughes prize, (1) Mr. C. L. Comp ston, (2) Mr. J. Taylor. Captain's priz (presented by Mr. S. P. Andrew), (1) Mr B. Anderson, (2) Mr. L. Whittaker. Uca trophy, (1) Mr. H. Burlinson, (2) Mr. H Heavers. Woolley trophy, (1) Mr. A. D Macdonald, (2) Mr. C. Finney. Robinso prize, (1) Messrs. Rothwell and Pratt, (2 Messrs. Demaine and Wilson. Kerfoo trophy, (1) Mr. R. Demaine, (2) Dr McGregor. Hough prize, (1) Mr. R. M Shaw, (2) Mr. J. C. Watson. The presiden congratulated Councillor F. D. Gee, ar active member and former captain of the society, on his appointment as mayor-designate of Sale. Mr. F. C. Baines was elected *Captain* for the 1948 season.

IRISH NEWS

Ulster Associates' Section.—The follow-g have been approved by the Executive ommittee of the Ulster Chemists' Associa-on as associate members: Mrs. E. T. utchinson (pharmaceutical chemist); essrs. J. E. Calderwood, P. J. Corrigan, . Hill, A. Gillen, J. I. Kearney, J. D. arshall, R. G. McGlaughlin and A. J. umps (assistants); and the Misses E. L. ea and W. M. Stewart. At a recent meet-g of the committee it was reported that the seven members who were due to tire, three had offered themselves for re-ction. Nominations were received for the her vacancies so that no election is cessary.

Eire Chemists' Gaelic Club. — The hemists' Gaelic Club, which has just come the end of an active season, has won omotion to the senior rank, thus attain-g one of its greatest ambitions within ree years of the foundation of the club. he promoters hope that all student foot-llers coming to Dublin from the provinces ll join the club. At the annual meet-g on October 21, the club's tourna-ent medals are being presented to the llowing members of the winning team: essrs. K. Banks (captain), T. Cosgrove, Henry, S. Fox, B. Kissane, J. Roche, amus O'Connor, E. O'Connor, C. Cone-y, P. McLoughlin, D. Sheehan and B. cWey.

N.I. Health Services Bill.—Moving the cond reading of the Northern Ireland ealth Services Bill on September 24, Mr. illiam Grant (Northern Ireland Minister Health) said he would not describe in tail the part to be played in the service chemists, dentists and opticians, but he alised how essential they were. He would t have introduced the Bill had he not own that he could rely on their loyal -operation in the new service. The bate on the second reading was adjourned til October 8 to allow members further study the Bill. The Pharmaceutical gotiating Committee has given full con-leration to the position of pharmaceuti-l chemists and arrangements have been de for their views to be brought forward hile the Bill is before Parliament.

Irish Drug Association.—At the Septem-r meeting of the committee of the Irish ug Association, Mr. M. Costello (presi-nt) in the chair, it was pointed out to embers that under the National Health surance Act, 1947, any insurable employee receiving an annual salary not exceeding £500 must be insured for National Health purposes; Unemployment Insurance payments are obligatory only for employees receiving annually £250 or less. The following additions to the Association's approved lists were agreed: Addis tooth-brushes; *manufacturers:* Boots Pure Drug Co., Ltd., Nottingham (all pharmaceutical preparations); *wholesalers* (Class A): Galway Drug Co., 10 Dominick Street, Galway. The president, Mr. F. X. Meagher, and Mr. B. R. Smith (secretary), were appointed as a deputation to discuss with the Department of Industry and Commerce the supply of sugar for pharmaceutical manufacturing and dispensing purposes, and for medicinal confectionery, and the supply of glucose powder. The secretary was also directed to discuss with the Department the diminution of soap stocks in chemists' shops caused by a gradual loss of coupons over the period of soap rationing. It was stated that members' comments on the question of soap stocks would be appreciated. The committee again urged that window pelmets and advertising signs for non-approved lines should not be shown; any such advertising already in position outside or inside members' premises should be removed. The following new members were elected: Messrs. M. Bermingham, 4 Patrick Street, Fermoy, co. Cork; J. F. Brady, Gildea's Pharmacy, Donegal; and A. T. Feely, Ardara, co. Donegal.

EGYPT-BOUND. A consignment of cholera vaccine being loaded on to a British Overseas Airways Corporation aircraft at London Airport on September 27—an indication of the prompt response given by Burroughs Wellcome & Co., London, to requests for help from Egypt and Pakistan. A talk on the production of cholera vaccine at the Wellcome Physiological Research Laboratories, Beckenham, Kent, was given in a broadcast programme from London on September 29. See also p. 405.

COMPANY NEWS

NEWIN PHARMACEUTICALS, LTD. (P.C.).—Capital £100. To carry on the business of manufacturing, pharmaceutical, dispensing chemists and druggists, etc. First directors are to be appointed. Solicitors: Aukin Courts & Co., 116 Fenchurch Street, London, E.C.3.

SPRINGHAM CHEMICALS, LTD. (P.C.).—Capital £1,500. To carry on the business of chemists, chemical manufacturers, manufacturers of and dealers in photographic requisites, etc. The first directors are not named. R.O.: 1 Budge Row, London, E.C.

GEO. CRAWFORD (HORLEY), LTD. (P.C.).—Capital £1,000. To carry on the business of consulting, analytical, manufacturing, pharmaceutical and general chemists, etc. Sheila M. Church and Norman E. Welstead, M.P.S., directors. R.O.: 6A Central Buildings, Horley, Surrey.

PRIMOSETTE CO., LTD. (P.C.).—Capital £1,000. To carry on the business of manufacturers, producers and distributors of sanitary towels, surgical dressings and medical requisites, etc. Wolf Shupak and Minnie Shupak, directors. R.O.: 99 Kingsland High Street, London, E.8.

STANLEY BUBB, LTD. (P.C.).—Capital £10,000. To acquire the business of a chemist and druggist carried on by Stanley G. Bubb, M.P.S., at 268 Oxford Road, Reading. Stanley G. Bubb, Mrs. Olive M. Bubb and Henry J. Singer, directors. R.O.: 28 Alexandra Road, Reading.

SPEED LAMPS, LTD. (P.C.).—Capital £500. To carry on the business of merchants and manufacturers of photographic, *x*-ray and scientific apparatus, films and chemicals, etc. Elvira Paul and Stefan S. Fraenkel, directors. R.O.: 100 Fellows Road, London, N.W.3.

BALE PRODUCTS, LTD. (P.C.).—Capital £3,000. To acquire the business of a manufacturer of and dealer in cosmetics, etc., carried on by Eileen Spafford at 65 Moor Road, Rushden, as "Bale Products." Eileen Spafford and Clarence Spafford, directors. R.O.: Aldringham House, Leiston, Suffolk.

ROBERT W. WATSON, LTD. (P.C.).—Capital £4,000. To carry on the business of general produce brokers, agents and merchants, chemists, druggists, etc. Robert W. Watson, Reginald I. Watson and Miss Mary L. Watson, directors. R.O.: 1 Ryebank Road, Old Trafford, Manchester.

ASSOCIATED INTERNATIONAL PRESSWORK, LTD. (P.C.).—Capital £50,000. To acquire the business of manufacturers of and dealers in bottle caps, lipstick cases, etc., carried on by Vogue Vanities, Ltd., at Soho Hill, Handsworth, Birmingham. G. Dennison, A. L. Dennison and A. G. Dennison, directors.

PROTECTA WEAR, LTD. (P.C.).—Capi £15,000. To carry on the business manufacturers of and dealers in pla sanitary belts and shields, flexible (pla cised) polyvinyl chloride composition sheeting or other forms, cotton wool, che cals, toilet preparations, surgical equ ment, etc. H. Williams, J. Olwolto a C. A. Bossine, directors. R.O.: 89 Charlo Street, London, W.1.

BEECHAM GROUP, LTD.—In view of changed conditions since the annual gene meeting in July, the directors of the co pany have decided to postpone the p posed issue of deferred shares (see *C. &* August 9, p. 160).

Voluntary Liquidation

CORDEAUX (BRISTOL), LTD., wholes chemists, North Breach, Corston, Bristol A meeting of the creditors of the compa was held recently when a statement affairs was submitted which disclosed l bilities amounting to £3,257 all due to u secured creditors. After allowing £412 preferential claims there were net ass of £231, or a deficiency, so far as t creditors were concerned, of £3,026. T company was registered in January 19 with a nominal capital of £2,000, of whi £1,001 had been issued. The only tradi accounts which had been prepared disclos that for the year ending January 31, 19 there was a net profit of £750 on a tu over of £44,000. It was estimated that t turnover for the year to January 19 totalled £70,000, and that the sales for t last six months had not exceeded £3,0 It was decided to confirm the volunta liquidation of the company with Mr. H. Parker, of 9 Clare Street, Bristol, liquidator, together with a committee inspection.

LEGAL REPORTS

Pharmacy Act Fines. — At Glasgo sheriff court on August 24 the represent tives of Alexander Innes, 207 Langlan Road, Govan, admitted the sale of a Part poison otherwise than under qualified supe vision and the unauthorised use of the tit "chemist and druggist." A fine of £5 wa imposed on each charge.

Food in Excess of Points.—Pleadin guilty to obtaining rationed foods in exce of points standing to their credit, Vine grads (Chemists), Ltd., Hull, were fined £ at Hull police court recently. It was state that two previous warnings had been issue For the company, defending solicitor sai the fifty-five coupons overspent were all i respect of baby rusks.

TOPICAL REFLECTIONS

Successful Conference

The 1947 meeting of the British Pharmaeutical Conference has been a marked sucess, as the report in your last week's issue hows. Did anyone present remember that his was the second time the Conference as enjoyed the hospitality of Torquay hemists? On August 20, 1869, when the onference was meeting in Exeter, "a oodly number" of its members went to orquay and had a day's sightseeing under he guidance of their hosts. The tradition hen established has been well sustained eventy-eight years later. The report of he Conference Executive discloses a widepread desire on the part of scientific orkers to submit suitable monographs, no ewer than twenty-six having been accepted. he drawback to so large a number being ted is that those presented near the end f the allotted time are, as experience roves, generally taken as read. This pracce bears unfairly on the authors; the obious solution of the difficulty is to extend he total length of the Science Sessions. The xecutive has been considering the probole needs of the medical service under he new National Health Service Act, and he feasibility of associating the Conference ith these needs. The high standard reached most Conference papers justifies the xecutive in thinking that it can make a bstantial contribution to the progress British medical practice. The new chairan of the Conference, Dr. Norman Evers, sure of a welcome. His paper on the tration of alkaloids was the star turn at he Conference in 1921, and his subsequent search has increased the esteem in which e is held. His appointment extends the ne of distinguished holders of the chair.

Ointment Bases

A good subject was chosen for the Symosium Session of the Conference (p. 383). he papers by Mr. A. W. Bull and Mr. W. Hadgraft, and the discussion on hem, suggest that we are still almost at he beginning of a scientific knowledge of intment bases. It seems that adeps præaratus has been discarded (in the present od trouble it is perhaps as well), and the ly bases are giving place to types of base artly or entirely water-soluble. Co-operaon with dermatologists in this field has, me would have thought, become so general hat appeals for further approaches are trifle superfluous. However, dispensing pharmacists as well as investigators will no doubt appreciate the classification of purposes stated thus by Mr. T. D. Whittet: "action at the surface, minimum absorption, emollient effect or systemic absorption." It is somewhat disturbing to learn that the composition of some of the newer bases is not constant: ways of overcoming this drawback will no doubt be found. As one who was not present at the meeting, I venture to inquire whether any work has been done on the surface-active properties of fel bovinum purification or any of its constituents. The results of the first two Symposium Sessions—the first, introduced experimentally last year, was on the subject of penicillin—make it likely that such sessions will become regular and popular features of future meetings of the Conference.

"Its Primary Object"

This year's report of the Conference Executive (p. 379) includes the remark: "From its inception the Conference has had as its primary object the promotion of pharmaceutical research." That statement goes to the root of the matter. I have lately been looking through a record of the first few years of the Conference (1863-69), when the series of Year-Books had not been started. (Incidentally, I see in 1865 and 1866 a small Year-Book was issued "by private enterprise.") In those early years social events were few: in 1864, in fact, they were apparently limited to one, a dinner. This policy left the Executive free to allot as much time as it thought fit to the Science Sessions; and at the first annual meeting, when the members numbered just over 150, twenty-eight papers were presented. Five years later the membership had increased to 647. With such enthusiasts as Daniel Hanbury, Henry Deane, H. B. Brady and Richard Reynolds contributing, science was well served. Yet the first members of the Conference took no narrow view of their responsibilities. Among the subjects discussed by them were adulteration, poisonings, prices, ethics and education. The first two of those were topical—adulteration because analysts were producing statistics, and poisonings because of many accidents (usually following sales by the unqualified). I need hardly add that during those years the Pharmacy Act of 1868 was shaped in Parliament, and that it needed interpretation.

Xrayser

MARRIAGE

MEADE-KELLY.—Recently, at Carrick-on-Suir, Patrick Joseph Meade, M.P.S.I., New Street, Carrick-on-Suir, to Ann Kelly, Thomastown, co. Kilkenny.

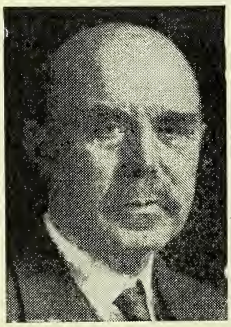
DEATHS

PATTON.—On September 21, Mr. Joseph Alexander Patton, M.P.S.N.I., 317 Antrim Road, Belfast. Mr. Patton served his apprenticeship with Mr. J. R. Guiler, Ormeau Road, and was for a time assistant to Mr. H. F. Moore, Royal Avenue, Belfast, before opening his own pharmacy in Antrim Road about twenty years ago. Mr. Patton is survived by his widow. At the funeral the Ulster Chemists' Association was represented by Messrs. R. Gibson (president) and J. C. Acheson (vice-president), and the Council of the Pharmaceutical Society of Northern Ireland by Mr. H. F. Moore.

REES.—On September 5, Mr. David Lewis Rees, M.P.S., 54 New Road, Skewen, Glam. Mr. Rees qualified in 1915.

PERSONALITIES

MR. JOHN HAGUE, M.P.S., 59 Newark Road, Lincoln, and Mrs. Hague, celebrated their golding wedding on September 30. Mr. Hague, who has had an eventful career, was mayor of Lincoln in 1923, and was for twenty-one years secretary of the local Branch of the Pharmaceutical Society. He contributed an article on his experiences entitled "Errand Boy to Mayor" in THE CHEMIST AND DRUGGIST, 1946.II.782. He was recently appointed to the Lincoln Executive Council set up under the National Health Service Act, 1946. Mrs. Hague is also a pharmacist.



SIR FREDERICK WELLS, who was elected Lord Mayor of London, for the year 1947-48 at a ceremony at Guildhall, London, on September 29, is managing director of Sanitas Co., Ltd., W. Woodward, Ltd.; Oppenheimer, Sons & Co., Ltd.; Elsan Manufacturing Co.; Liqufruta Laboratories; and Medical & General Exporters Ltd. He was made a member of the Court of Common Council for the City of London in 1939, and was elected Alderman of the Bread Street Ward in 1941.

MR. H. C. FOOT (a partner of H. Foot & Co.), Liverpool, who won the English open (Class B) clay pigeon shooting championship at Arkley, Middlesex, recently, is shown (right) holding the £200 Referee Cup.

MR. N. N. ARMITAGE, Ph.C. (a past-president of the Proprietary Articles Trade Association), and Mrs. Armitage, celebrated their golden wedding on September 22. Mr. and Mrs. Armitage now live at 2 Kingswood Gardens, Leeds, 8.

MR. J. ANDERSON STEWART, B.Sc., Ph.C., barrister-at-law (secretary of the Middlesex Pharmaceutical Committee), addressed the Ashford, Kent, Branch of the National Association of Professional and Business Women's Clubs on September 26 on the National Health Service. Mrs. A. M. Shaw, M.P.S. (president of the Branch), was in the chair.

THE RT. HON. SIR STAFFORD CRIPPS, K.C., M.P., has been appointed Minister for Economic Affairs (a new Ministry, without Portfolio, which will give the Minister general direction of the nation's economy). His place as President of the Board of Trade is taken by Mr. JAMES HAROLD WILSON, O.B.E., M.P. (formerly Secretary for Overseas Trade).

BUSINESS CHANGES

MR. T. D. WHITTET, Ph.C., has been appointed chief pharmacist, University College Hospital.

MR. E. J. S. CLARKE has been appointed private secretary to the Minister of Health (Mr. Aneurin Bevan).

A. & G. GURR, LTD., chemists' sundriesmen, have removed to 1 Norfolk Place, Paddington, London, W.2. (Telephone: Paddington 6418 and 5747).

ASHLEY & WEEKS, LTD., have appointed as their representatives, Mr. P. D. Gaynor in the Bristol area, and Mr. A. Thompson in the Manchester and Sheffield area.

NEWS IN PICTURES

At top: Dinner given by National Association of Women Pharmacists (see *C. & D.*, September 20, p. 341) to celebrate the election of Mrs. J. K. Irvine, M.B.E., as first woman president of the Pharmaceutical Society. A toast to Mrs. Irvine was proposed by Miss Dorothy Jones (president, N.A.W.P.); other speakers were Mr. H. C. Shaw (vice-president, Pharmaceutical Society) and Miss C. Mozley-Stark.

Second row, left: Part of special medical exhibition staged at the Fleet Street, Torquay, Branch of Boots, Ltd., during the recent meeting of the British Pharmaceutical Conference.

Right, winning team (England) in London Challenge Cup bowls competition, Torquay, September 19. Left to right: Messrs. E. A. Briggs, J. Reed, G. Gardiner (skip) and J. F. McNeal.

Third row, left, Mr. E. M. Flack, M.P.S. (No. 2 sales manager of Boots, Ltd.), who, with Messrs. H. H. Riley, M.P.S. (a director, Boots (Lancashire), Ltd.) and J. H. Stretton, Ph.C. (head of retail staff department) (fourth row, left and right) recently received farewell presentations at Nottingham on their retirement from business. The presentations were made by Lord Trent. Third row, right, Mr. L. P. Kearin, M.P.S., who succeeds Mr. Stretton.

TRADE NOTES

French Mineral Waters.—Ingram & Royle, Ltd., 12 Thayer Street, London, W.1, announce that Vichy-Celestins, Contrexéville, Evian, and Vittel waters are again on the market.

Penicillin Preparations.—Ayrton, Saunders & Co., Ltd., Liverpool, give details on another page of penicillin preparations and services which they offer to pharmacists.

Increased Prices.—Moore Medicinal Products, Ltd., Aberdeen, Scotland, announce that new advanced prices for Deedon inhalers came into operation on October 1. Details may be obtained from the company.

Provincial Displays.—Madeleine (Perfumers), Ltd., Houndsditch and Aldgate Corner, London, E.C.3, invite customers to visit displays of the company's products which are being put on at the Turk's Head Hotel, Newcastle-on-Tyne, October 6 to 10, and at the Central Stockrooms, 92 Union Street, Glasgow, October 13 to 17.

Transfer to South Africa.—Mr. E. M. Moessmer, governing director of Ekem Engineering, Ltd., announced recently, upon his return from a visit to the Union of South Africa, that he had decided to transfer the parent company and research organisation to that Dominion. The servicing and sales organisation at present functioning in London will continue.

Price List.—A new price list of fine chemicals issued by Howards & Sons, Ltd., Ilford, is in the form of a thirty-six page booklet in which provision is made for future alterations in price to be inserted by the user. The booklet contains a short history of the company and sections on fine chemicals, tablets, counter packages, cinchona alkaloid derivatives, pure quinine salts for research, technical chemicals, etc.

Twenty-five-day Vitamin Course.—John Tye & Son, Ltd., 457 Caledonian Road, London, N.7, are distributing, under an introductory bonus offer, a new preparation Tyevite, which consists of a course of twenty-five capsules each containing a recommended full daily prophylactic dose of vitamins A, D, B_1, B_2, C and E, together with calcium and iron phosphates. The offer consists of thirteen tins for the trade price of twelve.

Sun Lamp for Home Use.—A new model "sun" lamp designed as a "home safety" model has been introduced b Perihel Ltd., Edge Street, London, W.8 The unit embodies the latest practice i ultra-violet generation, and has a guaran teed life of 1,500 hours, providing fo 22,000 normal treatments; it is portabl and is supplied complete with goggles, in structions for use, and treatment table The lamp is exempt from purchase tax bu supplied only against medical certificate.

Cold Wave Set.—Pin-up Cold Perm Wave, Ltd., 40 Fulham High Street, Lon don, S.W.6, have introduced and are dis tributing, through S. Maw, Son & Sons Ltd., Aldersgate House, New Barnet, Herts a new cold permanent wave set, the Pin-up Junior, which is intended for use "when loose straight ends appear whilst there i still a lot of wave left in the rest of th hair." The outfit contains two solution and curlers, and is issued to chemists in attractive outers holding one dozen. Cinema and theatre advertising is to follow.

Photographic Competition Prize winners. — Winners in a competition organised by Johnson & Sons (Manufacturing Chemists), Ltd., Hendon Way, London, N.4, and which closed on July 4, were: Two first prizes (£5 each): Messrs. C. H. Burrows, 21 Oak Road, Scarborough, and F. Shuter, 10 Charleston Road, Eastbourne. Three second prizes (£2 each): Messrs. G. H. Mapleston, 22 Friern Barnet Road, London, N.11; R. R. Bushell, 4 Marston Road, Hoddesdon, Herts; and Vernon D. Shaw, 29 Park Road, West Timperley, Altrincham. There were also ten third prizes (£1 each), twenty fourth prizes (10s. each), and twenty-five consolation prizes.

Folic Acid Colour Film.—A colour film intended for showing to medical, pharmaceutical and similar audiences, and illustrating the use of Folvite (Lederle brand of folic acid) has been made for American Cyanamid Co., and is now available on application to Cyanamid Products, Ltd., Brettenham House, Lancaster Place, London, W.C.2. The film runs for twenty-five minutes. It opens with a review of the historical background of the vitamin, its synthesis, biological significance, and a description of the pathological conditions in which it is useful. Much of the remainder is devoted to results obtained by T. D. Spies in America, working on macrocytic anæmias and tropical sprue.

Window Display Unit.—To assist pharmacists in selling the company's Pillodines treatment for colds, Watford Chemical Co.,

Ltd., 30 Baker Street, London, W.1, have produced a window display as illustrated, which they undertake to put in by arrangement for chemists placing orders for a minimum of three gross. The display measures 3 ft. 6 in. x 4 ft. and is in maroon and silver. The product, Pillodines, is identical with the original German Schering preparation issued under the same name, the full rights having been acquired by Messrs. Watford Chemical Co.

Cholera Vaccines for Egypt.—The recently named Wright-Fleming Institute of Microbiology (formerly the inoculation department of St. Mary's Hospital, Paddington, London, W.2—"the home of vaccine therapy"—is working at pressure in the preparation of cholera vaccine for dispatch to Egypt, Pakistan and other eastern destinations, in response to urgent requests from those countries. Distribution is through the sole selling agents, Parke, Davis & Co., 50 Beak Street, London, W.1. Other British organisations which are sending supplies include Burroughs Wellcome & Co., who, on September 28, sent 40,000 doses of cholera vaccine by air to Egypt, and during the previous week 500,000 doses of vaccine, and half a ton of sulphaguanidine by air to India, and Evans Medical Supplies, Ltd., who are supplying cholera vaccine to Pakistan. A total of more than two and a half tons of medicaments for cholera left Britain by air during the period September 27-29.

Proprietary Articles Trade Association

Additions to Protected List (Part 1). — *Allied Laboratories, Ltd.*, Cyogene dragees, 30's, 11s. 6d. doz., tax 1s. 11d. doz., inclusive retail price 1s. 7d.

W. J. Rendell, Ltd., Santron ointment, 1-oz. tube, 11s. 2d. doz., tax 1s. 10d. doz., i.r.p. 1s. 5d.

Wigglesworth, Ltd. The full range of Wigglesworth's proprietaries have been added to the list. Details on application to the secretary, P.A.T.A., 43 Gordon Square, London, W.C.1.

Alterations (Part 1).—*Alfred Bishop, Ltd.*, Bishop's natural fruit saline, 4-oz., 13s. doz., tax 2s. 2d. doz., i.r.p. 1s. 9d.; 8-oz., 22s. 9d., tax 3s. 9d. doz., i.r.p. 3s.

Corrections (Part 2).—*North Western Laboratories, Ltd.*, Gay Venture cleansing cream, 28s. doz., tax 28s. doz., i.r.p. 5s. 10d.

Scrubb & Co., Ltd., Scrubb's dry cleaner, 2s., 18s. doz.; Scrubb's furniture cream, 2s., 18s. doz. (exempt from tax).

Thos. Harley, Ltd. Bonus offer on Rodine rat poisons operates between October 11 and 31, inclusive, instead of as previously arranged.

INSURANCE ACT DISPENSING

Surrey.—The thirty-third annual report of the Surrey Pharmaceutical Committee, published recently, includes the following prescription statistics for 1946 (comparative figures for 1945 are shown in brackets): Prescriptions dispensed 1,729,100 (1,599,450), ingredient costs £72,150 (£59,398), dispensing fees £45,547 (£38,203), number of insured persons 494.772 (447,063), average cost per insured person 57.1d. (52.4d.), average cost per prescription 16.3d. (14.7d.).

Scotland and Northern Ireland.—The annual report for 1946 of the Drug Accounts Committee (Scotland) published recently includes the following comparative statistics for prescription forms priced on behalf of the fifty-four Insurance Committees in Scotland, and the Ministry of Health of Northern Ireland:—

Priced for	1946		1945	
	Forms	Value	Forms	Value
Fifty-four Insurance Committees in Scotland.	3,588,133	£407,975	3,330,323	£325,082
Ministry of Labour, Northern Ireland ..	942,389	£111,472	848,155	£86,382
Totals ..	4,530,522	£519,447	4,178,478	£411,464

The payments for 1946 included insulin (Scotland £18,540, Northern Ireland £4,651) and liver extract (Scotland £12,450, Northern Ireland £3,255). In Scotland one insured person has received between January 1937 and June 1947, 1,010 prescriptions for an extract of adrenal cortex to a total value of £1,250, the first recorded instance in Scotland in which the cost of medicines for an insured person has exceeded £1,200.

PHARMACEUTICAL SOCIETY OF IRELAND

At the September meeting of the Council of the Pharmaceutical Society of Ireland, held in Dublin on September 9, Mr. J. K. Whelehan (president) was in the chair. Also present were Messrs. P. A. Brady (vice-president), J. Gleeson (treasurer), T. C. Scott, P. Fullam, N. A. P. McKane, M. Power, J. P. Kissane, J. A. O'Rourke, P. Brooke-Kelly, T. B. O'Sullivan, G. C. O'Neill, F. X. Meagher, P. C. Cahill, P. F. McGrath, H. P. Corrigan and F. Loughman. Apologies were received from Messrs. Cremen, Daly and Costello.

Before reading the minutes, THE PRESIDENT proposed a vote of sympathy with the Council of the Pharmaceutical Society of Northern Ireland on the death of their late president, Mr. J. W. Gray.

Mr. Kerr Hands Over

THE PRESIDENT formally introduced and welcomed the new registrar to the Council (Mr. J. G. Coleman). MR. JAMES J. KERR (the outgoing registrar) handed over the keys of office. MR. KERR said: "When it comes to parting after eighteen years, it is difficult to express one's feelings adequately. I have served under thirteen presidents and look back with pleasure to happy associations. I was enabled to do whatever good I did by the support I received from the Council. I am now able to pay tribute to the work done by Council members." The ordinary member of the Society, continued Mr. Kerr, had no idea of the work done by the Council.

THE PRESIDENT paid tribute to the retiring registrar's years of service and devotion to the interests of pharmacy and stated that he himself could vouch for the help given to new presidents by Mr. Kerr, whose sparse, blunt words denied the goodness of his own deeds and whose lips belied the softness of his heart. His work had manifested itself most strongly in the improvement of the Society's schools. The president concluded by thanking Mr. Kerr on behalf of the Society and its students. Tributes were also paid by Messrs. Brooke-Kelly, Brady, O'Rourke, Gleeson and Scott.

Messrs. Scott and Corrigan were appointed scrutineers of the ballot, if there should be a contest for the seven vacancies on the Society's Council. A letter was read from the Ministry of Justice approving a change in the membership fee from £1 11s. 6d. to £2 2s. A letter was read from Mr. C. S. O'Connor expressing thanks for his appointment as lecturer in mater medica. Mrs. M. T. Egan (née Britto and Mrs. A. T. Feely (née Scully) wro submitting marriage certificates ar requesting change of name in the register

The following changes of address we notified:—

Mr. J. P. McClusky, M.P.S.I., to Mill mor, co. Galway; Mr. P. McGee, M.P.S.I to Killybegs, co. Donegal; Mr. W. I Mullen, M.P.S.I., to 17 Brighton Roa Rathgar, Dublin; Mr. P. J. Rona M.P.S.I., to Dublin Road, Portlaoighis Leix; Miss B. Yates, M.P.S.I., to 6 Winc sor Road, Palmerston Park, Dublin; M B. J. Anderson, L.P.S.I., to No. 4 Hospit Company, Army Medical Corps, Custum Barracks, Athlone; Mr. D. C. Bre L.P.S.I., to 6 Ashfield Park, Terenur Dublin; Mr. T. Dunne, L.P.S.I., to 1 Coote Street, Portlaoighise, Leix; M Daniel J. Browne, L.P.S.I. to 149 Lowe Drumcondra Road, Dublin; Mrs. A. T Feely, L.P.S.I., to Ardara, co. Donegal Mr. D. Harrington, L.P.S.I., to 6 Buckley Terrace, Cork; Mrs. B. Walsh, L.P.S.I., t 6 Roseneath Villas, Military Road, Cork Mr. J. R. Lawless, L.P.S.I., to 245 Sout Lambeth Road, London, S.W.8; Mr. T Maher, L.P.S.I., to 205 Rotherhithe Nev Road, South Bermondsey, London, S.E.16 Mr. G. Moriarty, M.P.S.I., to Abasoragh co. Galway; Mr. S. M. Morris, M.P.S.I. to 65 St. Leonards Street, London, S.W.14 Mr. L. J. Manley, to 54 South Mai Street, Naas; Mr. G. A. Turner, to Claver ham House, St. John's, Worcester.

Preliminary Registrations

Preliminary registration was granted t the following: William Edward Boles Fionnghuala Cait Collins, Olaf George Costelloe, William Crowley, Brian D Cunningham, Ellen Farry, Kevin Anthony Fitzmaurice, William J. Kavanagh, Thomas Leo, Peter A. McCullagh, Maria Kathleen McLaughlin, Anne J. Moore, Kathleen Teresa Murphy, Michael O'Gorman, Dorothy O'Grady, John Patrick Power and Mary Catherine Sharry. Mrs. M. T. Egan and Messrs. H. A. N. Passmore and J. D. Kelly were granted registration as pharmaceutical chemists.

Reports were read from the House, Schools and Law Committees. The examiners reported that out of fifty-three candidates who had presented themselves for the licence examination, twenty-three

ad passed. The examiners to the assistants' xamination reported that of the thirty-hree candidates who had presented them-elves, twenty-three had passed.

The registrar reported on the deaths of Messrs. W. E. Briggs, M.P.S.I., P. Moloney, M.P.S.I., G. W. Sleator, M.P.S.I., and dam Mitchell. Members of Council tood in silence as a mark of respect.

THE PRESIDENT moved the following otice of motion: "That the Council stablish a joint contributory scheme for all ull-time employees of the Society." Point-ng out the desirability of such a scheme, MR. BRADY supported the president, and MR. GLEESON quoted figures from different nsurance companies. After discussion, an mendment was suggested by MR. MEAGHER, and the president agreed to hange the motion to the following: "That he Council request the House Committee o explore the possibilities of establishing a ension scheme for all full-time employees f the Society." The motion was agreed.

ncreased Class Fees

MR. MEAGHER moved a motion that the lass fees of the Society should be increased rom September 9 as follows: Chemistry, to £10 10s.; pharmacy, to £6 6s. and £10 10s.; repetition fee for chemistry, to £5 5s.; repetition fee for pharmacy, to £6 6s. MR. J. GLEESON supported, and the notion was carried unanimously.

The licence certificates of the following ere signed and sealed: John McAuliffe, Kathleen Christina McCarthy, Michael Gerard Dermot McKenna, Margaret Mary O'Sullivan, Patrick Malachy Ryder, oseph Kevin Shaughnessy, Michael Cos-ello, Mary Elizabeth Flynn, Valeria Mar-aret Heffernan, Kevin McElwee, Thomas O'Dea and Eamon O'Mahony. Messrs. G. W. Ellis, T. McGoldrick, R. J. Power nd S. F. Watson were elected to member-hip of the Society.

The following were nominated for nembership: Mr. J. F. Brady, Donegal; Mrs. M. T. Egan, Pettigo, co. Donegal; Mr. M. Costello, Dublin; Mr. D. Harring-on, Clonmel; Mr. A. Hensey, Clontarf; Mr. J. McMenamin, Cootehill, co. Cavan; Mr. J. J. O'Gorman, Thurles; Mr. E. O'Mahony, Dublin; and Mr. P. J. O'Regan, Bagenalstown.

At a meeting of the Benevolent Fund Committee held after the Council meeting, number of grants were passed for pay-nent, and the Committee's thanks were ex-ressed to all members of the Society who ad contributed to the fund.

EXECUTIVE COUNCILS

A FURTHER list of pharmacists nominated by Pharmaceutical Committees to serve on Executive Councils under the National Health Service is given below. Previous lists were published on July 12 (p. 51), August 9 (p. 165) and August 23 (p. 165).

ANGLESEY, Messrs. L. William Jones, Amlwch, and R. Humphries - Lewis, Llangefni.

BATH, Messrs. C. H. James and T. Swain.

CARNARVONSHIRE, Messrs. D. A. Bryan, Penmaenmawr, and H. R. Evans, Bethesda.

GLOUCESTERSHIRE AND GLOUCESTER, Messrs. W. H. Hampton, Gloucester, and T. B. C. Wickham, Cheltenham.

GRIMSBY, Messrs. T. A. Parker and S. E. Wright.

HAMPSHIRE, Messrs. W. E. Kirkman, New Milton, and F. Wainwright, Eastleigh.

KINGSTON-UPON-HULL, Messrs. H. Bays and L. S. Sellé.

LINCOLN, Messrs. J. Hague and G. F. Shepherd.

LINCOLNSHIRE (HOLLAND), Messrs. W. L. Alexander, Boston, and E. A. Osborn, Spalding.

LINCOLNSHIRE (KESTEVEN), Messrs. B. Fillingham, Grantham, and G. E. Whysall, Grantham.

LINCOLNSHIRE (LINDSEY), Messrs. E. A. Broadburn, Cleethorpes, and O. C. Seaton, Grimsby.

MANCHESTER, Messrs. T. Miller and H. Steinman.

MIDDLESBROUGH, Messrs. W. R. Brackenbury and F. R. Hollings.

NORWICH, Messrs. J. Cook and W. J. Lacey.

NOTTINGHAMSHIRE AND NOTTINGHAM, Messrs. F. W. Shepherd, Nottingham, and P. J. D. Spaanderman, Huthwaite.

OXFORD COUNTY AND CITY, Messrs. J. A. Deacon, Banbury, and D. R. Thomas, Oxford.

PRESTON, Messrs. W. Dickinson and F. A. Williamson.

RADNORSHIRE, Messrs. G. C. G. Hilliar, Llandrindod Wells, and T. C. Price, Rhayader.

ROTHERHAM, Messrs. R. Green and H. E. Limb.

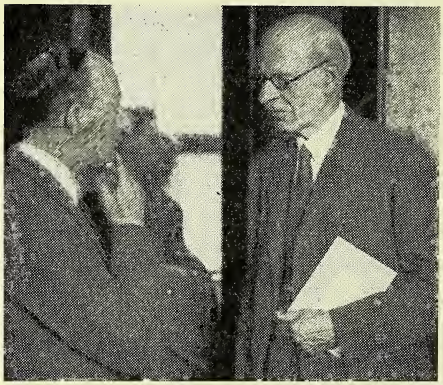
YORKSHIRE, NORTH RIDING, Messrs. G. F. Hird, Northallerton, and H. M. Hirst, Scarborough.

Now We Know.—Influenza is caused by a virus, which is the trade name for something the medicine men know nothing about.—Quidnunc in the "Irish Times."

FIFTY YEARS IN THE WHOLESALE TRADE

By K. C. Allen (Managing Director, Stafford Allen & Sons, Ltd., London)

ANYONE who has spent fifty years in the City cannot fail to have noted the many changes that have taken place, particularly in the drug and allied trades associated with Mincing Lane. Indeed, Mincing Lane in the old sense hardly remains in existence. In former days a walk down the Lane involved a succession of stops to chat with brokers and others as they passed up or down. The silk hat, which was almost a uniform when I first came to business, has disappeared, together with the floral buttonholes that used to distinguish, as if with a badge, the men who did business in the markets.

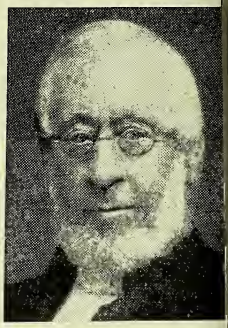


Mr. K. C. Allen in conversation with an employee at Wharf Road after he had been presented by the staff and executives of the depôt with a television set in celebration of his completion of fifty years' service culminating in the managing directorship.

The Mincing Lane drug sales were a great feature of the trade in the old days. The sales were attended by the principals and buyers of the wholesale drug houses—a much more numerous fraternity then than now. Among the familiar figures who were regular attenders were Mr. Francis (Hearon, Squire & Francis), Mr. Classon Preston and Mr. King, principals of Hodgkinson, Prestons & King, another well-known house, Mr. Shaw (G. Curling, Wyman & Co.) and many others. The drugs were always put on show in the brokers' offices on the day before the sale and buyers would go round and examine and make notes. In the old days the leading firms were S. Figgis & Co., French & Plucknett, Lewis & Peat, Slann & Davies, Jenkin & Phillips, Garrard & Sons, Dalton & Young, Marshall & French, and Hale & Son, some of whom are still carrying on. A typical sales catalogue is illustrated on p. 410.

On 'Change

At one time the drug merchants and essential oil trade met almost daily in the central portion of the Royal Exchange to discuss markets. Wednesday was the most important day because on that day more people attended. Many prominent figures have now passed on. There was Mr. Richard Quincey, never without a gay buttonhole, who represented R. Quincey & Son, a wealthy merchanting firm, and rivalling in the ambergris trade R. C. Treatt & Co. Mr. Francis was there for Hearon, Squire & Francis. Mr. David Howard, grandfather of some of the present directors of Howards & Sons, Ltd., and Mr. Thomas Morson, of T. Morson & Sons, Ltd. (father of the present directors) were usually to be found there on Wednesdays. Mr. Wheeler, father of the present managing director of Wheeler & Huisking, Ltd., was one of the brokers who regularly attended, and the memory is still strong in my mind of how, in one of my early attendances on 'Change he came up to advise me where to stand, to be where my father always stood, so that people would know where to find me. Gradually, during the years, 'Change dwindled, and before the 1914-18 war attendances had almost ceased. Today they are only a memory.



Mr. Stafford Allen (nephew of William Allen and greatgrandfather of Mr. K. C. Allen), who founded the business of Staffallens in 1833.

In the old days a lot of business was done by personal calls. When I first went to Cowper Street my uncle and father called on the drug trade twice a week, and when they were away I gradually took their place. On Saturdays two of us would go round collecting cheques in settlement of our accounts. Comparatively few cheques were posted, and unless one called he did

nployees at Long Melford, 1906. Group includes workers on the farm, in the mill, in the distillery and in e extract works. A note on the print states that three other employees " would not face the camera."

ot get his money. At some of the bigger ouses it was usually necessary to take one's rn in a queue.

rug Grinding and Matters of Policy

When I took up my permanent job at owper Street in 1897, we ground drugs nd spices only for the trade. Gums and ugs were sent in for grinding by wholesale uggists, whose names were then familiar the trade, but many of whom have since isappeared. For example, Barron, Harveys Co., Hearon, Squire & Francis, Davy, ill & Co., Hodgkinsons, Clarke & Ward, nd George Curling, Wyman & Co., are l now incorporated in The British Drug ouses, Ltd. One of our chief grinding ompetitors then was Crosbie & Co.; they, oo, faded out some years ago.

I well remember the amount of persuaon I had to exercise before I managed to et my uncle and father to agree to the utright selling of powders. They finally eluctantly consented, fearing that regular ustomers might be offended. But the rst order came from one of the company's est grinding customers, both then and now.

At Cowper Street at the turn of the entury there were two beam engines runing, one in the almond press room and the ther for the mills. They were wonderully steady and seldom gave any trouble, but the time came when the mill engine was not big enough for the work and had to be replaced. After careful review but with great foresight the firm installed a Diesel engine. This was only the second engine of its type to be erected in England. It came from the Augsburg works in Germany and proved a most successful venture, although it suffered a certain amount of teething trouble when first installed. Our premises in Cowper Street were partially occupied by the head engineer, who lived there with his family, and whose wife cooked a very excellent lunch each day for the partners. At the back of the offices were stables where the van horses were kept. Considerable pride was taken in the quality of the horses, and they had their regular spells in the country for a rest after they had been working for a period in London.

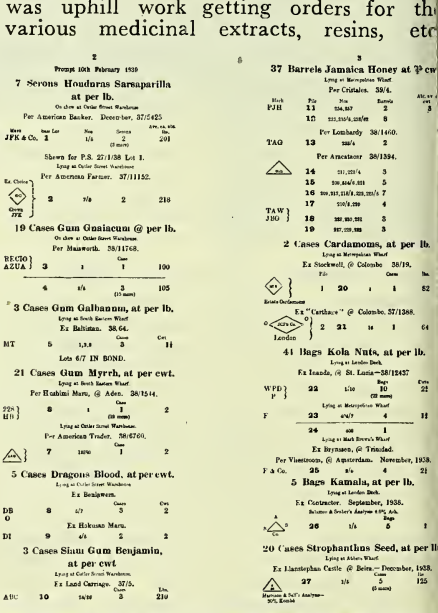
The business of Stafford Allen & Sons has always been fortunate in having more than one iron in the fire. Even in the earlier days, besides drug grinding and essential oils, ground pepper formed an important branch and touched quite a different clientele, the chief wholesale buyers of white pepper being the big Eastcheap houses such as S. Hanson & Son, Peek Bros. & Winch, Game & Son, R. M. Curtis, jun., Petty Wood & Co., Geo. Harker & Co., W. & D. Harvest, and others. One of the

Employees at Long Melford, 1947

biggest was Ferguson & Foster, but Mr. Foster became rather too fond of horse-racing, and in the end caused the failure of Ferguson & Foster—one of the mild sensations of the time. The failure hit our firm quite a little, as Ferguson & Foster had been by far our biggest pepper buyers, and had long terms of credit. Probably many of the present generation do not realise that out of the ruins of Ferguson & Foster sprang up the today well-known firm of Evans, Gray & Hood, Ltd. Losing their employment with Ferguson & Foster these three gentlemen started in business on their own account and built up a very successful enterprise, at present managed by the sons of two of the original partners.

The heads of the business in 1897 were Edward Ransome Allen, my uncle, and William Clarkson Allen, my father, two cousins, Edward Watlock Allen and George Stafford Allen, and my brother Malcolm were also in the business. The rest of the managerial staff consisted of John Hobbs (general manager), who was particularly well known to our pepper customers, and F. D. Machell, our faithful accountant, who looked after the finances of the company for a great many years.

In 1899 a great uncle, George Allen, who had a drug business at Ampthill in Bedfordshire, died, and the business was incorporated in Stafford Allen & Sons. In the same year the firm was converted into a private limited company, our lead being followed by many other houses in the trade as the years went by. A number of medicinal plants were grown on the Ampthill farms, the chief being belladonna, henbane, and foxglove, but there was also a certain amount of squirting cucumber for the manufacture of elaterium. We always enjoyed touching the cucumbers when they were ripe to see the seeds explode and fly out. In those days large quantities o syrup of poppies were made. The Ampthil business had been rather neglected, and i was uphill work getting orders for th various medicinal extracts, resins, etc



2

PROMPT 10th February 1939

7 Serons Honduras Sarsaparilla at per lb.

On show at Cutler Street Warehouse

Per American Banker. December, 37/5425

Mark	Sale Lot	Net	Gross	Arr. ex. s.s. No.
JFK & Co.	1	1/4	2 (2 mats)	201

Shewn for P.S. 27/1/38 Lot 1.

Lying at Cutler Street Warehouse

Per American Farmer. 37/11152.

Ex Choice Gum JTE	2	7/9	2	218

19 Cases Gum Guaiacum @ per lb.

On show at Cutler Street Warehouse

Per Mainworth. 38/11768.

			Case	
RECIO AZUA	3	1	1	100
	4	4/4	3 (15 mats)	105

3 Cases Gum Galbanum, at per lb.

Lying at South Eastern Wharf

Ex Bahiana. 38/64.

			Case	Cwt.
MT	5	1,3,3	3	11

Lots 4/7 IN BOND.

21 Cases Gum Myrrh, at per cwt.

Lying at South Eastern Wharf

Per Hashimi Maru, @ Aden. 38/1514.

			Case	
228 HH	8	1	3 (10 mats)	2

Lying at Cutler Street Warehouse.

Per American Trader. 38/6760.

			Case	
	7	16/6	1	2

5 Cases Dragons Blood, at per cwt.

Lying at Cutler Street Warehouse

Ex Benjamen.

			Cases	Cwt.
DB O	8	4/7	3	2

Ex Hakusan Maru.

DI	9	4/4	2	2

3 Cases Siam Gum Benjamin, at per cwt

Lying at Cutler Street Warehouse.

Ex Land Carriage. 37/5.

			Case	Lbs.
ABC	10	14/9	3	210

3

37 Barrels Jamaica Honey at 7p cw

Lying at Metropolitan Wharf

Per Cristales. 38/4.

Mark	Pkg	Net	Barrels	Alt. ex s.s.
PJH	11	2/4,347	2	3
	12	2/2,210/4, 2/4/6	6	

Per Lombardy 38/1460.

TAG	13	2/2/4	2

Per Ancaiaor 38/1394.

	14	2/1,2/2/4	3
	15	2/0,2/4/6,2/2	5
	16	2/0,2/2,2/4/6,2/2,2/0/6	7
	17	2/0/6,2/0	4
TAW JDG	18	2/0,2/0,2/2	5
	19	2/0,2/2,2/2	5

2 Cases Cardamoms, at per lb.

Lying at Metropolitan Wharf

Ex Steckwell, @ Colombo 38/19.

	Pkg		Case	Lbs.
	1	20	1	52

Estate Cardamoms

Ex "Carthaca" @ Colombo. 37/1388.

London	2	21	1	64

41 Bags Kola Nuts, at per lb.

Lying at London Dock.

Ex Ioanda, @ St. Lucia—38/12437

			Bags	Cwts
WPD F	22	1/10	10 (20 mats)	22

Lying at Metropolitan Wharf

F	23	2/6/7	4	11
	24	4/6	1	

Lying at Mark Brown's Wharf

Ex Bryansen, @ Trinidad.

Per Vinctrosen, @ Amsterdam. November, 1938.

F & Co.	25	8/4	4	21

5 Bags Kamala, at per lb.

Lying at London Dock.

Ex Contractor. September, 1938.

Schulze & Seifert's Analyses 8.9% Ash.

			Bags	
S & S Co.	26	1/4	5	1

20 Cases Strophanthus Seed, at per lb

Lying at Alders Wharf

Ex Hamtetphan Castle @ Beira — December, 1938.

			Case	Lbs.
	27	1/6	5 (5 mats)	125

Harrison & Sal's Analyses— 30% Kombé

Pp. 2 and 3 of a broker's catalogue of drugs offered at a pre-war public sale at the London Commercial Sale Rooms.

Soon the more active backing in town caused such an increase in business that the partners looked around for more accommodation and finally hit on a factory that would give more space than was possible at Ampthill. An old flax mill at Long Melford, Suffolk, was acquired in 1899. This had the advantage of being situated on the river with a good water supply,

hich was essential for the business. It as also good land for the cultivation of edicinal plants. As a commencement, ur water stills were put down for the istillation of sandalwood, one of the im-

WHOLESALE TRADE ONLY

TELEGRAPHIC ADDRESS: "PERBIG, LONDON." TELEPHONE 749 (AVENUE)

STAFFORD ALLEN & SONS,

[ESTABLISHED 1833.]

DRUG MILLERS, OIL PRESSERS,

— AND —

Distillers of Essential Oils,

7, COWPER STREET, FINSBURY, LONDON.

JANUARY, 1898.

OL. AMYGD. DULC.		1/2 per lb.	
" " " PALLID		1/4 "	
" " ESS.		22/- "	
" " " S. A. P.		26/- "	
" " PEBSIC. DULC.		9½d. "	NET
" " " " PALLID		11½d. "	
" " " ESS.		17/- "	
" " " " S. A. P.		21/- "	
" ANETHI		10/- "	
" ANISI BUSS.		10/- "	
" BUCHU		80/- "	
" CARDAM.		7/- per oz.	
" CARUI		5/- per lb.	
" CARYOPH. OPT.		2/4 "	12 Qts. 2/3
" " B.		2/2 "	
" CELERY		23/- "	
" CINNAM.		7/6 per oz.	
" CORIAND.		3/- "	
" CROTON.		4/6 per lb.	
" CUBEBÆ		4/6 "	
" CYMINI		14/- "	
" IRIDIS (CONCRETE)		26/- per oz.	
" JUNIP.		18/- per lb.	
" MYRIST.		6½d. per oz.	
" PIMENT.		18/- per lb.	
" PIPER NIG.		9/- "	
" SABINÆ		34/- "	
" SANTAL FLAV.		12/- "	
IL. HYDRARG.		18 "	15%
UNG. HYD. FORT.		17 "	
HYD. c CRETA.		11d. "	
P. BEM. LINI.		£12 10 0 per ton.	

WITHOUT ENGAGEMENT.

Terms: 14 days, less 2½%, unless otherwise specified.
PACKAGES EXTRA.
* Advanced.

Trade price list of Stafford Allen & Sons, January 1898.

ortant oils manufactured by the firm. his was followed as speedily as possible y the removal of the plant from the mpthill works to Long Melford.

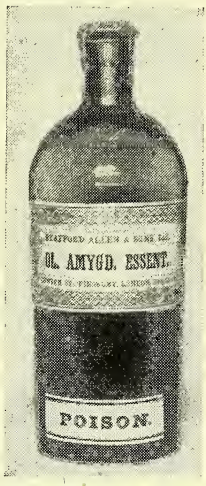
Medicinal crops were soon started on the rms. Shortage of manure decided the artners to go in for the keeping of pigs, nd it was soon realised that the pig trade as a valuable asset. A commencement as made with pedigree large white pigs. o-day the Long Melford herd of large hite pigs is well known in the trade, and any of the firm's boars have gone to oreign countries during the years.

Overseas Visits

My first visit to the United States was in pril 1904. At that time we had a good rade with the U.S.A. in almond oil, croton oil and essential oils. Our oils were listed in most of the essential oils price-lists as "Allens." I was very kindly received by our clients in the U.S.A. and also visited Canada, there appointing our first Canadian agents, Messrs. F. E. Cornell & Co.

During my 1904 visit I learned of the new Schutze O'Neill grinding machine, and on returning to this country we purchased one, which has done noble service.

In 1907 we bought the works and plant of the old firm of Horner & Sons, who had been one of our chief customers for many years. In 1911 we had a most disastrous fire, our pepper and spice mills being burnt out in July of that year. The new mill that was erected in its place was one of the earliest ferro-concrete buildings put up in London—I believe one of the first to have a complete ferro-concrete roof. The building stood up well in the blitzes of thirty years later, when, although we had a large bomb in the yard, setting fire to the whole contents, the building itself stood firm. We were also one of the first firms to install sprinklers against fire; that was in 1912.



Winchester of volatile oil of almonds, as labelled for dispatch, prior to adoption of present series of labels by the company.

I think I am right in saying that during the 1914-18 war there was no Directorate of Medical Supplies, but the Government arranged that some sort of Committee should go into the question of drug supplies. Mr. George E. Pearson (Burroughs Wellcome & Co.) was appointed chairman and I was asked to advise as to the probable output of English medicinal herbs, such as belladonna, henbane, digitalis, etc. On the whole there has been little change in the essential character of our business throughout the past fifty years. Organic chemistry has introduced many new synthetic remedies to medicine, but they do not appear to have prejudiced the sale of our extracts and galenicals. In fact, our turnover in galenicals in 1946 was the highest in the history of the company.

JOHN BELL'S
TONIC-PHOSPHATES

THE PROVED TONIC WITH THE PLEASANT TASTE

You can confidently recommend John Bell's Tonic Phosphates for restoring jaded appetite, and for dispelling depression and lassitude.

Attractive Display Material on request

Sizes	New Retail Prices (including Pur. Tax)
4 ozs.	3/-
8 ozs.	5/3
16 ozs.	8/8

JOHN BELL, HILLS & LUCAS, LTD.
Oxford Works, Worsley Bridge Rd., London, S.E.26

CF

WILCOX, JOZEAU

WHITE LION ST. LONDON, N.1

NATIVELLE PRODUCTS.
COREINE GRANULES and FLAKES.
PEPTALMINE DRAGEES and GRANS.
GENATROPINE GRANS and SOL.
GENESERINE GRANS and SOL.
GENOSCOPOLAMINE GRANS
LACTEOL TABLETS.
RHINO LACTEOL.
BOLDINE HOUDE.
EUPNINE VERNADE.

NOW TO HAND FROM FRANCE.

TELEPHONES TERMINUS 3088

ESTABLISHED 1793

ATKINSON & BARKER'S INFANTS' PRESERVATIVE

The Best and Safest Infants' Medicine of 150 years' standing

Does not contain any Scheduled Poison

ROBERT BARKER & SON, LTD.
13 WESLEY ST., C. on M., MANCHESTER

BURROUGH'S S.V.R.

60 gallons or less in 6 months requires no Control Licence.

James Burrough Ltd., 1 Cale Distillery, London, S.E.1

TRAGACANTH

SPECIALISTS IN B.P. POWDER
SAMPLES AND PRICES ON REQUEST
FREUDENTHEIL, SMITH & CO., 16 Philpot Lane London, E.C.3.
MANsion House 1924 & 6600. Estd. 182

40 years' success with proprietary lines of national and international fame enable us to offer our clients many solid advantages. Our advertising sells goods at the lowest on-cost.

STUART HIRST, LTD.
Survey House, 15 Bond Street, Leeds, 1

Metaldehyde

BRITISH MAD

SAFE SOLID FUEL
SLUG & SNAIL KILLE

IN PACKETS, 1/3, 2/4, 5/6
Obtainable from
Chemists, Ironmongers & Seedsme
Sole Concessionaires for the U.K and Eire

H. R. NAPP LIMITED
3 & 4 Clement's Inn, London. W.C.

CLARK'S medica
LIVER & KIDNEY SALT

An old favourite and ready seller *now available again*, t retail at 1/1½d. A Newball & Mason line. Attractive pack, attractive terms. Write for details.

NEWBALL & MASON LTD., NOTTINGHAM. Est. 185

INFORMATION WANTED

Information with respect to suppliers of the following items would be appreciated:

Rycol
Solupoids
Provital
Lepenin foam compound

THE
CHEMIST AND DRUGGIST
ESTABLISHED 1859
or RETAILER—WHOLESALER—MANUFACTURER
Circulates throughout the Pharmaceutical, Chemical, Drug, Essential Oil, Perfumery, Cosmetic, Toilet Preparation and allied Trades and Industries in Great Britain, Eire, British Empire, and foreign countries
Official organ of The Pharmaceutical Society of Ireland, The Pharmaceutical Society of Northern Ireland, The Chemists' and Druggists' Society of Ireland and of other Chemists' Societies in the Empire.
VOL. CXLVIII OCTOBER 4, 1947 NO. 3528

Profitable Discussions

"EACH Conference has a colour of its own and is unique," said Mr. R. R. Bennett (a former Conference chairman) when addressing the closing session of the Conference on September 19. His comment would apply equally to the science section alone, and as the Science Sessions at the first full post-war Conference were particularly successful, it may be profitable to note some of the factors which gave them their colour. They will be remembered in particular for the exceptionally heavy discussion which took place on the papers; for their international character; and for the application of a statistical approach to pharmaceutical research given in a paper of "fundamental value," as Dr. C. H. Hampshire remarked, by Dr. I. Michaels and Professor H. Berry.

The amount of discussion alone seems to indicate that the Conference is serving an increasingly important rôle as a forum in which workers can make contributions to knowledge in the face of the healthy criticism of their colleagues. Authors' critics were often hard-hitting, and at least one author had to defend his work against what he described, reprovingly, as scathing criticism. Authors, on the other hand, themselves gave no quarter for what they considered to be ill-informed criticism. The time spent on discussion was often several times longer than that spent on the actual paper, and this fact was exemplified well in the discussion on valerian, a drug to which, the chairman said, there appeared to be a considerable sentimental attachment. Mr. Chamings' plea for a revival of British drug cultivation was particularly timely.

The international aspect of the Conference was evident from the fact that four of the authors were from India or Egypt, while other countries, including China and France, were represented among the members present. Dr. Fairbairn, amongst others, pointed out in discussions the need for tapping the potential drug resources of India and Egypt and similar countries for supplying naturally produced drugs (e.g., ammoidin and valerian principles), to augment the world's synthetic supply from industrialised countries such as Britain.

The 1947 Conference will be remembered also for Professor Berry's description, at the Symposium Session, of the extent to which proprietary ointment-base materials had made their way into official pharmacy, and of the work which was being done to replace these with preparations of chosen composition and capable of being standardised. The presence at the Sessions of younger members, whom the chairman described as "converts to the Conference of lasting benefit to pharmacy," was made possible through the provision of complimentary tickets by the local Conference Committee—a particularly pleasing gesture.

The greatest task resulting from the Conference falls perhaps to those manufacturers who must translate as quickly as practicable the results of research into terms of industrial pharmaceutics.

Remote Control of Employment

A NEW Control of Engagement Order (S.R. & O., 1947, No. 2021) comes into force on October 6. From that date most men and women who seek posts, or who desire to change their employment will be able to do so only through employment exchanges or other appointments offices approved by Ministry of Labour and National Service. In spite of a formidable list of exemptions, it is the purpose of the Order to control the movement from one employment to another of the majority of wage-earning workers, although there are general exemptions, for certain industries and for persons who are outside specified age groups. In addition, no woman who

has in her care a child of her own under fifteen years of age comes within the scope of the Order.

Specific exemptions are made for persons employed in managerial, professional, and administrative or executive positions, and examples have been given of workers who may ordinarily be engaged direct, including pharmacists, opticians, "scientists," buyers and commercial travellers. An explanation is given that "not all qualified persons (in a professional sense) are necessarily employed in a professional capacity"; this proviso is understood to apply to many pharmacists. A definition of "manager" states that the term "does not necessarily comprise all persons who are called managers." Such individuals should, according to the Ministry, be salaried officials in charge of "a department, works, contract, or office." Employment in an administrative or executive capacity is deemed to exist if the person concerned "is required to make decisions, to organise or to develop ideas on his own initiative, even within a clearly defined policy or directive."

Workers whose employment does not come within the exempted classes include assistants and "indoor salesmen" in the distributive trades, both wholesale and retail; manual workers of all kinds, including chargehands and foremen; and clerks and supervisors, other than those with executive responsibility. Intending employers may not seek to engage such persons by advertisement of any kind, but must notify the vacancies to the local office of the Ministry, or to an approved employment agency. An employer may not engage such a person, moreover, unless he or she has been "submitted" by the same authorities. Permits may, however, be issued to individual workers where local offices of the Ministry of Labour and National Service decide that the workers "can more suitably obtain employment by their own efforts." Power is taken to issue exemption certificates to employers to enable them to seek to engage, or to engage, men and women for specified employment. There is no restriction on employees seeking employment by advertising or by direct approach to employers, but if they are in the restricted classes th must obtain the employment by applyi to and being submitted by a local office the Ministry or an approved employme agency, and employers who have be approached direct must not enga employees without first consulting t authorities. It is emphasised in the Ord that the rights and obligations conferr or imposed by the Reinstatement in Ci Employment Act, 1944, which relates members of H.M. Forces and others retur ing from war service, can be pursued a must be fulfilled in accordance with th Act.

Black Market Milk

Reports published recently in the dai Press of a diminishing supply of baby foo caused by people without babies buying t foods for cooking, draw attention to wh could develop into an ugly situation if le uncontrolled. As we have reported fro time to time, certain local pharmaceutic organisations have requested their membe to insist on the production of an infant ration book before they supply the food Though such a procedure is commendabl it would probably not put an end to t misappropriation of baby foods, even if were adopted by all chemists, as it alread is by many, for pharmacies are not the onl channels through which these preparatio reach the public. Further, unless coupo are surrendered, or the book suitably marke at the time of purchase, there is nothin to prevent a baby's ration book being take from shop to shop, or being passed fro one person to another—a malpractice re ported as actually occurring in some local ties. Retail chemists cannot cope adequatel with such abuses. The Ministry of Foo is aware of leakages in baby food distribu tion, otherwise it would not have expresse a wish that sales should be made conditiona on production of an infant's ration book. I fairness to all concerned, however, the situa tion calls for stronger action. Pharmacist have many times shown their ability to dis tribute unrationed goods with justice, an would no doubt be ready to co-operat further with the authorities concerned i preventing the development of a black mar ket in baby food.

INCOMPATIBILITIES DUE TO SYNTHETIC SURFACE-ACTIVE AGENTS

By A. G. Fishburn, Ph.C.

ALTHOUGH synthetic surface-active agents have only recently been introduced into pharmacy, they ve been in use for many years as exci- ents in cosmetic manufacture and for an en longer period as "textile assistants" dyeing and its allied trades. Their late try into pharmacy is due to several uses, chief among which is probably the sence hitherto of purified agents suitable medicinal use and capable of standardi- tion in a manner comparable with that opted by the British Pharmacopœia or itish Pharmaceutical Codex. This state affairs is now being remedied, a fact ich was ably illustrated by the opening akers at the recent symposium on oint- ent bases at the Torquay meeting of the itish Pharmaceutical Conference.

ionic-Cationic Interaction

The purpose of this note is to draw atten- n to a point that may not yet be fully preciated, namely, the possibility of emical incompatibility between surface- tive agent and drug, resulting in partial complete inactivation of the latter. It uld be made clear at the outset that the ject is still in the early stages of investi- tion, and all that can be done at present to make a few generalisations and issue caution against the indiscriminate use of rface-active agents. To illustrate the y in which incompatibility may occur, is necessary to refer to the chemical basis which the agents may be classified. The ree conventional groups are:—

(a) "Anionic" compounds; so-called cause the long carbon chain essential for rface-activity resides in the anion.

(b) "Non-ionic" compounds; usually ssessing an ether or ester structure.

(c) "Cationic" compounds; usually ts of complex bases containing a high yl substituent (these are at present less mmon than (a) or (b).

these, the "non-ionic" are, as might anticipated, relatively inert; they do not pear to be likely sources of incompati- ity. Several workers, however, have served interaction between drugs and ents of group (a), and an example cited Professor Berry at the recent Sympo- m Session is typical. Acriflavine, when formulated with certain sodium alkyl sul- phates (i.e., typical "anionic" agents), becomes converted into a derivative that has a much reduced bacteriostatic activity as shown by tests *in vitro*. It should be emphasised that the change is not apparent in the physical appearance of the emulsion or cream, which may be, from all normal pharmaceutical viewpoints, a perfectly elegant preparation. Similar effects have been observed by the writer using crystal violet and other basic dyestuffs, and there seems to be sufficient evidence to show that there is a definite risk of incompatibility between "anionic" surface-active agents and "cationic" (i.e., basic) drugs. This is probably not a matter of straightforward double decomposition, since it is not neces- sarily accompanied by precipitation, although it seems likely that the inactivated derivative is capable of isolation and its chemical identification should prove an interesting problem.

A more thoroughly investigated example of the same phenomenon is provided by the reaction known to take place between quaternary ammonium antiseptics and anionic agents, such as soaps or alkyl sul- phates. Here the degree of inactivation is such that alkyl sulphates have been used in bacteriological work to inhibit quater- nary ammonium salts. The same reaction has been made the basis of a volumetric assay process for quaternary compounds. The proportions employed in normal for- mulations are such that the surface- active agent is usually present in con- siderable molar excess over the drug, hence there is no effective loss of activity of the former.

Possible Clinical Effects

Another subject for experimental investi- gation is the clinical effect of formulations containing apparently inactivated drugs. It is possible that, on contact with tissues and body fluids, the drug may be liberated and regain its original activity. Until such points as these have been settled, however, it would seem advisable to consider care- fully whether a proposed formulation may not involve the type of incompatibility in- dicated here, and, if in doubt, to select a non-ionic agent.

BRITISH PHARMACEUTICAL CONFERENCE 194

BRANCH REPRESENTATIVES' MEETING

BRANCH Representatives of the Pharmaceutical Society met at Torquay on September 17 during the eighty-seventh meeting of the British Pharmaceutical Conference. Mrs. J. K. Irvine, M.B.E. (president of the Society) was in the chair, supported on the platform by seventeen members of Council, the Secretary (Mr. Hugh N. Linstead, O.B.E., M.P.), deputy-secretary (Mr. F. W. Adams) and Mr. A. J. Plowright.

THE PRESIDENT said that much had happened, both nationally and pharmaceutically, since the previous provincially held meeting eight years earlier. Pharmaceutically, members were in a strong position, with a National Health Service impending that would greatly increase pharmacists' work. In future the compounding of all medicines would be done by persons trained and qualified for the job.

The SECRETARY next presented a report by the Council on proposals to revise the Society's constitution (see *C. & D.*, August 30, p. 262). He said that it really went back to the Committee of Inquiry, which had reported during the war on various matters that need putting straight in the constitution. The twelve tentative proposals at the end of the report represented the lines on which the Council thought the Society should develop during the next ten or twenty years. In practice, they would be regulated by the readiness of the Government to give time for the necessary legislation, and his guess was that the Government would be much occupied with other business in the next year or two. The most that could be done was to get their minds clear on what was wanted.

The twelve points were taken in turn.

(1) *The object expressed in the Charter as "the protection of persons carrying on business as chemists and druggists" to be replaced by an object embracing the maintenance of the honour and promotion of the interests of the pharmaceutical profession.*

MR. A. OFFICER, Glasgow and South-Western Scottish, warned against attempting to revise the Charter. In previous Acts of Parliament pharmacists had gained only by giving concessions, often to unqualified persons, and there might be associations that would try to get similar advantages on this occasion. If it was decided to proceed, he would omit "pharmaceutical profession" and substitute "registered pharmacists."

Dislike of the use of the word "honour" was expressed by MR. A. G. MADGE, Plymouth, and MR. E. C. BURROW, Plymouth, suggested a redefinition. Mr. J. E. BLACKWELL asked who was to be the judge of "honour" and further suggested that "the business of a chemist and druggist" was wide enough to cover hospital pharmacists. MR. F. WALSH, Birmingham, accused the framers of the proposal of pomposity, and put forward "integrity" as an alternative.

MR. W. J. EVANS, Cardiff, considered the proposed new clause quite in order. The Society existed to protect their professional interests and the National Pharmaceutical Union to protect their business interests. If protection were extended to persons outside their organisation the Society would have control over them.

The SECRETARY, winding up, said that the wording of the clause was not final, but the word "honour" was one that occurred in the charter of the British Medical Association. "Integrity," on the other hand, had a double meaning in the sense of "binding" the whole profession in one, a rather self-seeking aim. If the charter bore the interpretation placed upon it by Mr. Blackwell it could remain, but that was not the view of their legal advisers and the High Court. The Society must take the initiative in looking after its own future, and amending the charter did not entail going to the House of Commons.

THE PRESIDENT announced that the clause would probably be referred to the Branch Representatives again.

(2) *The reference to chemistry in the objects in the Charter to be removed and the reference to education to be replaced by a form of words giving a broader interpretation to this object.*

MR. W. S. CULBERT, Glasgow and S.W. Scottish, pointed out that the Society was the only body whose members could call themselves chemists by statute. Why change that? MR. W. J. EVANS, Cardiff, took a similar view, and MR. M. S. HUGHES, Liverpool, said that the public still referred to them as chemists; MR. E. C. BURROW, Plymouth, suggested as an alternative "the advancement of scientific knowledge, especially pharmacy and pharmaceutical education." MR. L. M. SPALTON, Leicester, urged the inclusion of allied sciences.

MR. H. GELDARD, Rochdale, supported the Council's proposal, and THE SECRETARY

nted out that the proposal dealt only h "a hopless anachronism." Pharma-s' right to the word "chemist" was em-lied in the Pharmacy Acts. The Coun- had used the word "pharmacy" with- trying to define it more closely, since initions had a limiting effect.

gle Statutory Register

(3) *A single statutory register of pharmacists to replace the statutory registers of pharmaceutical chemists and chemists and druggists, and the titles reserved to pharmaceutical chemists and chemists and druggists to be available to all persons registered as pharmacists.*

Mr. Evans, Cardiff, asked for an ex-nation, and the Secretary said that proposal meant that all persons quali-d as chemists and druggists would be en-led to call themselves pharmaceutical emists. He informed Mr. W. G. Hollis, ottingham, that it could be dealt with parately from the new educational policy. There was no discussion on proposal 4 oluntary higher qualification).

(5) *Fellowship of the Society to be created to mark higher educational attainments. All persons registered as pharmaceutical chemists at the date of fusion of the registers and all persons eligible for registration as pharmacists and obtaining such higher qualification as may be prescribed by by-laws to be eligible for election as fellows.*

Mr. B. W. Whittaker, Bradford, asked r amplification. The Secretary said at given one standard qualification, there ght to be a "consolation prize" for ex-ing pharmaceutical chemists. That was e reason for the proposed fellowship. he fellowship was also one way of providing r possible specialist diplomas.

Mr. L. M. Spalton, Leicester, asked hat the position was with regard to the isting B.Pharm. degree and the new pro-osals, and Mr. A. Officer, Glasgow, in-uired whether the Society proposed to eep its hold on registration, in view of ture university courses.

The Secretary informed Messrs. L. M. PALTON, Leicester, and A. Officer, Glas-ow, it would only be possible to come n to the register through the one quali-cation; fellowship would have to be pre-eded by membership.

(6) *Honorary fellows to replace honorary members; corresponding members to continue as such. The by-laws to provide that distinguished scientists and persons who have rendered distinguished service to the Society be eligible for election as honorary fellows, and that persons of good standing in the pharmaceutical or allied scientific professions in countries overseas be eligible for election as corresponding members.*

Mr. Evans, Cardiff, was informed by the Secretary that honorary members could attend meetings, but had no voting power and paid no fee. It was proposed to change the name "honorary member" to "honorary fellow."

(7) *The admission of Dominion pharmacists and others to the register of pharmacists to be subject to such conditions as may be prescribed by by-laws, including the passing of any examinations deemed desirable.*

The Secretary explained that at present such applicants had to be taken on to the register without any conditions. Power was being taken to introduce an examination requirement where desirable.

(8) *Graduates in pharmacy of British universities and foreign pharmacists to be eligible for registration as pharmacists, subject to such conditions as may be prescribed by by-laws, including the passing of any examinations deemed desirable.*

Mr. R. McCrone, Glasgow, was against encouraging students to take the degree.

The Secretary said the situation today was that a graduate in pharmacy who had not been examined in forensic pharmacy must be examined in that subject by the Society and not by the university. It was proposed to continue that so long as the universities did not examine in forensic pharmacy. The Society was merely taking powers to make it unnecessary to have a second examination in the subject if the universities were found to be introducing it. There was a safeguard in that university examiners were subject to approval by the Society.

(9) *The Privy Council to be authorised to appoint, after consultation with the Council of the Society, three additional members of Council, such additional members to be pharmacists.*

Mr. S. D. Andrew, Stockport, said his branch was suspicious of the proposal and could see no reason for it. Mr. H. Bradshaw, Huddersfield, thought the plan dangerous and unnecessary, urging that expert help should be obtained otherwise.

Mr. J. E. Blackwell, North Metropolitan, said the election of the Council was the last privilege left to members. "We view with great concern the right of anyone to bring members on to the Council except

through the ballot box." They were being asked to give a number of blank cheques to the Council, and it was more important than ever that they had the election of that Council.

Mr. C. H. Robinson, Mansfield, declared that his branch was in agreement with the proposal. There might come a time when political passion would sway votes and it might be necessary to have a corrective. The employees might out-vote, say, the N.P.U., and it was therefore desirable to have some members who were not influenced by the vote.

Mrs. H. S. Brocklehurst, Hull, pointed out that Scotland had no N.P.U. and regarded the Council as representing Great Britain. They had no fear of the Council becoming wholly N.P.U.

Mr. H. G. Tibbett asked what would be the term of office of the Privy Council nominees.

The Secretary said members had to take a long-term view in the matter. It might be three or four years before these changes were made, and ten or twenty before any change had full effect. He was most anxious that powers residing in the Society should not be taken away and vested in some Department of State. If they wanted a profession, retaining on the one side the confidence of Government departments and on the other the ability to run its own show in its own way, they must take time by the forelock. Already it was being said that the Society was not a properly constituted body to exercise the powers it had. The proposal was a far-seeing attempt to give less ground for that criticism while ensuring that the governing body was overwhelmingly pharmaceutical in its composition. He did not think the membership would suffer because six out of twenty-four or twenty-seven members of Council were not elected.

Mr. S. D. Andrew, Stockport, was not convinced by the secretary's arguments. Why should they not wait for the Privy Council to ask for further members if that had to be?

Mr. P. R. Duncan, Northampton, said the argument that the Privy Council members had been an unqualified success might be used for adding even more to their number. Could they not be co-opted on to committees?

The Secretary replied that the Government would not, in fact, ask for a trivial change of that kind. It would be a matter of the Ministry of Health taking over substantial control.

The President said that the pres period of nominated service was five ye but that was a matter of detail.

Status of Branch Representatives

(10) *The Society's Branch system a meetings of Branch Representatives to formally recognised by the inclusion appropriate provisions in the by-laws. addition, the by-laws to permit the form tion of special groups of members havi distinctive professional interests.*

Mr. R. McCrone, Glasgow, thought would be bad to institute special grou The proper local organisation was t Branch.

Mr. W. J. Appleby, Nottingham, sa that the only fair and reasonable way impressing the opinion of members on t Council was through that meeting. Ther fore it should have the same powers as t annual general meeting now had. Ma resolutions sent to London were not pu lished.

Mr. A. Mortimer, Thames Valley, sa that the clause had two distinct part While approving the first, his Branc wanted elucidation on the second, sin there already existed organisations repr senting such particular interests as reta business, the wholesale trade, etc. Did th proposal involve a reversal of the Jenki judgment. Was it proposed, perhaps, t have separate sections for the two sexes?

Mr. E. W. Twiss, Warrington, declare that at present the Council was rather ou of touch with the rank and file. Guidanc from headquarters could be provided b more frequent meetings of Branch Repre sentatives and by letters from London.

Mr. T. B. Robinson, West Middlesex asked for an assurance that there was n intention to "freeze" the present arrange ments.

Replying to the discussion, the Secretary said that the first part of the proposa was an attempt to increase the status anc responsibility of Branches and of the Representatives' meeting, neither of which a present had any existence in the eyes of the law. So far, they had not gone into the question of powers and duties. In the second part, it was not proposed to begin creating groups but only to take power to do so, or to accept a group as a constituent part of the Sociey if desired.

Mr. W. J. Evans, Cardiff, said that groups would not align themselves outside the Branch organisations if branches were run properly.

There was no discussion on points 11, 12.

(*To be continued*)

RITISH PHARMACEUTICAL CONFERENCE 1947

SCIENCE SESSIONS

(*Continued from* THE CHEMIST AND DRUGGIST, *September* 27, p. 390)

HE CHAIRMAN (Mr. B. A. Bull) called on the authors of the three papers on the ay of members of the vitamin B group e *C. & D.*, September 27, p. 389) to ply.

MISS HAZEL WILLIAMS, replying to Mr. lamson, said that she could not be lpful concerning the reason underlying e use of methyl alcohol in the method. R. DAGLISH stated that the cause of incuracies should be looked for in the orimeter. A Spekker fluorimeter was not fficiently accurate for measuring fine ferences. For this reason, the author had ilt a fluorimeter which was thirty times sensitive as the Spekker type. For content performance, and to compensate for equency variation in the mains electricity pply, he found micro-Faraday condensers ould be included in the instrument's rcuit, in addition to a constant voltage ansformer. The results with this arrangeent were seldom above 100 per cent.

Replying to Mr. Hartley, MR. DAGLISH id that divalent eluting agents had not en successful. Activating with acetic acid ssibly liberated free acid. He explained rther that sodium chloride was used in e method as it was cheaper than potasum chloride and equally efficient. DR. LVIDGE, replying to Drs. Evers and Hernt, agreed the results might have caused nfusion, but the paper contained records many years' work. The results were rived from tests on routine samples. Dr. vers stated that his point was that a andard deviation figure was preferable, nd Mr. Daglish agreed.

Replying to Mr. D. C. M. Adamson, DR. LVIDGE said that the work described was reliminary to determining the stability of tamins in preparations. Riboflavine sults had been obtained from an aqueous lution. He wondered if Dr. Hartley had imself carried out aneurine determinations had gone into the problem thoroughly. Vork published on the subject by different eople contained many contradictions. He nswered Messrs. Foster, Wokes and Dagsh that it was not possible to apply e method to all substances. Riboflavine as destroyed by sulphite. He emphasised at the Spekker fluorimeter left much to e desired.

The next paper was read by Mr. Sanyal.

European and Indian Valerians

BY T. E. WALLIS AND P. K. SANYAL

[ABSTRACT]

IN a comparative investigation of the characters and constituents of European and Indian valerian rhizomes, published data for the yield of volatile oil from European and Indian valerian were summarised. Uncertainty as to the methods used necessitated reinvestigation of the yield of volatile oil by a carefully defined method. The method adopted was that proposed for the British Pharmacopœia, 1948, using the apparatus of Meek and Salvin, with two small modifications designed to facilitate the collection and measurement of the oil. The method of distillation was also modified so as to reduce frothing to a minimum. The yields of volatile oil from the separated rhizomes, roots and stolons were determined. So also were the proportions of these members in the commercial drugs. For both Indian and European valerian the roots were found to yield a larger proportion of oil than any other part, indicating that care should be taken to collect as much root as possible. Commercial specimens of Indian valerian consisting of rhizome only are shown to be of slightly inferior quality. Although the roots yield about 20 per cent. less extractive to 60 per cent. alcohol than the rhizomes, the amount is still fairly large, a result which again emphasises the desirability of including the roots in the drug. (From the pharmacognosy research laboratory, College of the Pharmaceutical Society.)

Discussion

DR. T. E. WALLIS stated that Mr. Sanyal, with whom it had been a great pleasure to work, had come from India specially to study pharmacognosy. The use of brine lessened frothing, they had found, but also gave low results.

MR. G. SHORT, London, said he could confirm the authors' observations on methods of combating frothing. Using paraffin as an anti-frothing agent, however, he had found the results to be twice those obtained formerly. He had confirmed the results by blank experiments. The use of brine had given low results in work on other volatile oils.

Since the war the yield of valerian oil had been lower, Mr. Short said. He would like to know the reasons for this. Were the suppliers different? Had the method of drying altered and if so was an enzyme killed during the process? He had distilled samples of root after soaking for the purpose of investigating this, but the results had been the same. After complaining to Belgian suppliers he found that more modern drying methods had been adopted in Belgium. This probably accounted for difference in essential oil yield. Less oil was produced, which was a disadvantage to the essential-oil producer, but the oil had less flavour—an advantage for the patient. Further work on the subject was essential.

Dr. J. W. Fairbairn, London, said that the roots were active as well as the rhizome, but in India the native collectors usually threw away the roots. He hoped that when Mr. Sanyal returned to India he would be able to do something towards rectifying the mistake in collection. Britain tended to concentrate her research towards synthetic production of drugs such as valerianic acid, but he thought that there was a great field of research to be covered in countries like India in finding further natural sources of therapeutic principles as alternative supplies.

Had the authors compared the physical properties of the oil they obtained with the published properties of valerian oil?

Mr. T. C. Denston, London, asked if octadecanol had been tried to prevent frothing in the extraction.

Mr. A. R. G. Chamings, Horsham, made a plea for the "resurrection of British drugs." It was regrettable, he said, that the collection of English valerian in Derbyshire had practically finished by 1938. Even so, little of the drug at that time was used in Britain, most of it being exported to America. If the collection of valerian had been continued, the plant might now be earning this country dollars, he said. He asked if the authors had conducted work on the Derbyshire root, and if there was any information on the revival of valerian growing in Derbyshire. He suggested that the odour and taste of the drug were part of valerian's therapeutic effect.

Dr. F. W. Crossley-Holland said that whether valerianic acid or valerianates gave assistance to the therapeutic effect of the whole drug was a matter of controversy. "Today we are suffering from an over-refinement of drugs," he said. He emphasised the need for improving drugs that were obsolescent but not obsolete, stat that the synthetic chemist was bidding compete not necessarily to advant against the galenical chemist.

Mr. Chamings added the suggest that the natural colloidal products of drug contributed to the drug's therapeu action, possibly by regulating the r of release of the active principles. Th might also be a synergistic effect.

Mr. J. M. Rowson, Sunderland, asked the authors could confirm the work wh had been conducted on the drug recently Oxford. Although there was no pharm cological result on which the drug could standardised, was the author aware of a method for comparing the psychologi effects of the upland and marsh strains the drug?

Mr. A. D. Powell, Nottingham, sa that he could corroborate the authors' marks on the use of brine as an an frothing agent, except when dealing wi fine powder of the drug. He thought th the Indian valerian produced a tincture better odour when the root was prese In his experience the Indian drug yield 50 per cent. more extractive than t European.

Dr. N. Evers suggested that the acti of the drug might be connected with alk loids which the drug contained. It wou be most worth while to concentrate on i vestigating this.

Mr. H. Deane, Sudbury, Suffolk, su gested that root was used for solid extrac as the users were not primarily concerne with the oil. Since the war he had foun the root from Belgium dirty, sometim containing as much as 50 per cent. mud.

The pharmacology of Indian and Eur pean valerians was different, he though Workers found greater lung irritation fro the Indian than the European, and con plaints had been received that tincture made with non-European valerian cause undesirable stomach symptoms. Englis valerian stood at a disadvantage in th market as it had to compete in price wit consignments of the drug collected i countries with cheap labour and lo standards of living.

Dr. K. Bullock pointed out that figure for volatile oil content of India drug which he had published in 1924 wa 1.5 per cent. and not 0.3 per cent. a quoted by the authors. He had found tha any enzyme action was detrimental to th oleoresin.

Mr. Bull, calling on Mr. Sanyal t reply, stated that the large amount of dis-

sion had shown the extent of the timental attachment to the drug Mr. YAL said that the refractive index of the he had obtained (1.486 to 1.502) was ilar to that found by other workers. He not tried octadecanol as an anti-hing agent, but would do so. He was are of the work which was being done in ford. Most of the drug was octaploid, there was little difference in oil content ween this and the tetraploid. Replying Mr. Chamings, Mr. Sanyal said that best English sample examined was in 5. This had an oil content of 1.57 per t., compared with a maximum of 0.7 cent. for valerian from other sources. Mr. Bull particularly congratulated Mr. yal on the way in which he had pre-ted the paper.

rogenic Activity of Intravenous Solutions During Storage

H. O. J. Collier and Sheila K. Paris

[Abstract]

e investigation was undertaken to lore the possibility of removing pyrogens m solutions by storage, after it had been erved that a strongly pyrogenic solution its pyrogenic activity while stored in laboratory. Work on twenty-one solu-ns has been reported, comprising ten es containing various salts or mixtures salts, all commonly used for intravenous ministration. All solutions had been rilised in litre or half-litre bottles, but er biological test had been rejected as rogenic. They were then stored under a luced pressure of 508 to 635 mm. mer-y, and tested at varying intervals. In nty of the twenty-one solutions studied, s of pyrogenic activity on storage was ind to occur before the ninety-second day m manufacture; in one solution pyro-nic activity was still present one hundred d ten days after manufacture. The rate disappearance was variable, the shortest ne being five days, while the longest ceeded one hundred and ten days after nufacture. Factors influencing the rate decline of pyrogenic activity on storage not easy to evaluate. Varying storage nditions within the range of temperatures to 45° C. seem not to affect the rate of cline sufficiently to be readily demon-ated. More important factors may be tial concentration of pyrogens; their emical nature; presence of stabilising bstances; presence of substances accelera-ng the destruction of pyrogens. The records of rates of decline of pyrogenic activity suggest that the solutions tested contain different pyrogens, stable to varying extents on storage. (From the laboratories of Allen & Hanburys, Ltd.)

Discussion

Dr. F. Hartley said that as pyrogens had been shown by many workers to vary vastly in constitution, some being carbohydrates, for example, and some proteins, it was unsafe to assume that all pyrogens would disappear on storage. Sometimes they did disappear, but sometimes solutions were pyrogenic after three years' storage. Was the disappearance of pyrogenicity due to the decomposition of the pyrogens or to their adsorption on to the walls of the containers?

Mr. T. D. Whittet said that in addition to polysaccharides and polypeptides, rubber caused pyrogenic activity. Mr. Nasmith, London, criticised the small number of rabbits used in the tests. Dr. C. H. Hampshire, London, warned against relaxing precautions, and suggested that the results were from preliminary work.

Professor H. Berry, London, was "disturbed" by the paper because it implied that many samples of dextrose were pyrogenic. Were the samples used poor?

Mr. G. F. Somers, Greenford, also criticised the small number of rabbits used. Had automatic temperature recording been used and had allowance been made for diurnal variations? He suggested that pyrogens existed on the glassware in which the solutions used were placed. Had pyrogen tests been done on proteins?

Dr. N. Evers, replying on behalf of the absent authors, said that there was no suggestion in the paper of relaxing safeguards, and that storage could not be relied on to eliminate pyrogenicity. The authors had not carried out work to show if the effect described was due to adsorption or destruction of the pyrogens. Rubber was blamed for conferring pyrogenic properties to solutions, but in cases he had had examined it had been exonerated. The work could be criticised on the small number of animals used but the number had been limited by those available.

Replying to Professor Berry, he said that it was comparatively rare to find pyrogenic dextrose, and the samples examined might have come from the same batch. The quality of dextrose had improved.

[*To be continued*]

CORRESPONDENCE

Correspondents may adopt an assumed name, but must in all cases furnish their re name and address to the Editor.

Suggested B.P.C. Monograph

SIR,—In view of great differences in form and efficiency shown by different brands of sanitary tampons, there is an evident need for standards in this type of dressing. Such standards might with advantage be included in a monograph in the appropriate section of the British Pharmaceutical Codex now being compiled. Among factors that need investigating is the effect on the absorbent properties of the material of the degree of compression applied in manufacture.

Yours faithfully,
MULIER.

Representatives' Attendances

SIR,—According to an answer given by Mr. Linstead at the Branch Representatives' meeting at Torquay, the number of delegates eligible to attend the meeting was approximately 300 and the number actually present about 140. The figures emphasise the need for the Branch Representatives' meeting to be held at a time and place more convenient to the majority of delegates, as is now to be arranged if the decision of the meeting is given effect. At the Torquay meeting, coinciding as it did with the Conference, there was naturally a preponderance of members representing the academic side of pharmacy. I do not think the absence of more than half the Branch Representatives was due to apathy, but to inability to spare the time involved in the journey.

Yours faithfully,
POLITICUS.

Standardised Cosmetics

SIR,—A year or two ago I put forward a scheme for reducing the chaos of cosmetic colour names. Your leading article of September 6 raises the point again. My scheme is that those shades which have traditional names should be standardised. That is, if a customer buys a "Rachel" or a "Natural" face powder, or a "Pink" or "Rachel Foncé," she should receive the same shade, whatever the name of its maker. Fantasy, enterprise, or what you will, would still have a free hand in devising and selling speciality colours, with names of the "Blue Dawn" or "Blushy" type. Only the basic colours would be standardised, but there would be a range of these—say, half a dozen—sufficient to meet the wishes of th prosaically minded user, and to ensure th those who wanted to do so could buy th same shade every time without difficulty

Yours faithfully,
EDWARD RICHARDSON,
Nottingham. M.A., B.Sc., A.R.I.C.

DDT Danger to Small Animals

SIR,—The Royal Society for the Preven tion of Cruelty to Animals is receiving in creasing numbers of reports of cases o illness and deaths, particularly in cats, as result of the use of DDT-containing insec ticides. Many of the complaints that reac us are accompanied by statements to th effect that "We went to the chemist an he recommended this preparation an assured us that it was quite safe." Th Society is taking energetic steps with vari ous manufacturers, as and when their pre parations are implicated, to get the label ling modified so that the public may b warned of the danger, and is also in touc with the Board of Trade on the matter o labelling. It would be a great help if th attention of members of the pharmaceutica profession were drawn to the danger of pre scribing any DDT preparation for th treatment of small dogs and cats.

Yours faithfully,
A. W. MAYS, *Chief Secretary.*
London, S.W.1.

A PHARMACIST'S ANTHOLOGY

"WE have been talking of making you a chemist, George," said my uncle . . . . . .

My uncle stroked his cut chin and regarded me.

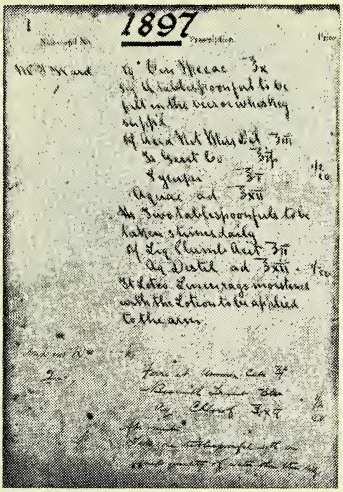
"Have you learned any Latin?" he asked abruptly. I said I had not.

"He'll have to learn a little Latin," he explained to my mother, "to qualify. H'm. He could go down to the chap at the grammar school here—it's just been routed into existence again by the Charity Commissioners—and have lessons."

"What, me learn Latin!" I cried, with emotion. "A little," he said. "I've always wanted—" I said, and "Latin!"

I had long been obsessed by the idea that having no Latin was a disadvantage.

From "Tono-Bungay," by H. G. Wells.



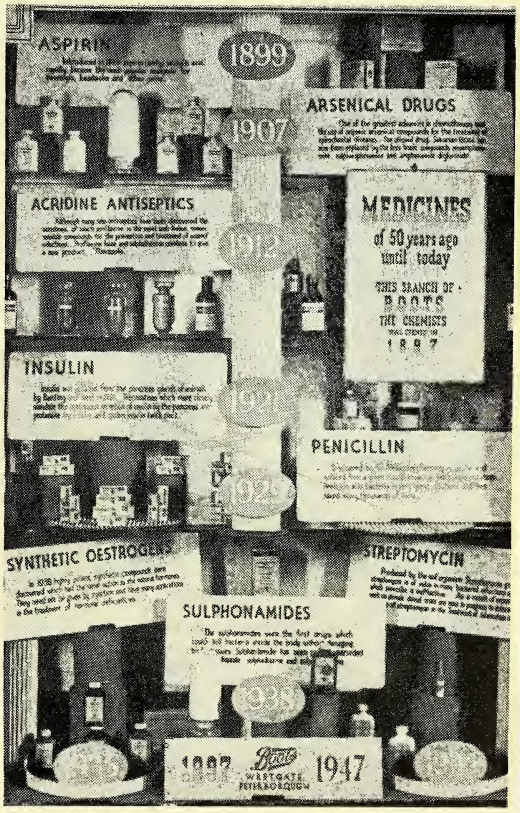
t: Display illustrating company's expansion. Centre: First prescription-book entry. Right: " Dispensing y years ago," featuring original prescription-book. Below: Fifty years' advances in medicine reflected in products of the company.

JUBILEE WINDOW DISPLAYS

mark the fiftieth anniversary of the ablishment of the branch, a series of cial window displays was arranged cently at Boots, Ltd., 18 Westgate, Peterrough. In one window the first preiption book used at the branch when it ened in 1897 was exhibited to show the t page. The original prescriptions were lispensed and displayed with a selection old drug containers to give the window authentic period atmosphere. The first scription reads: " Vin. Ipecac. ℥x. Sig. tablespoonful to be put in the beer or iskey supp'd."

Three windows, which attracted much tention from passers-by, were devoted to e in the eighteen-nineties. " Travel fty Years Ago " included pictures of cient cars and cycles, and of the 1888 Flying Scotsman." Another window was ed to illustrate the fashions prevailing at at time and included a family album of rtraits of local interest.

" Fifty Years of Progress and Service " atured the progress of the company from e establishment of the first branch at osegate, Nottingham. The final window viewed the development of medicines om the first use of aspirin in 1899 to the lphonamides and antibiotics of today. e branch, the thirty-ninth to be estabhed by Messrs. Boots, is under the mangement of Mr. Frank White, M.P.S.



TRADE REPORT

Spot quotations for pharmaceutical chemicals represent the prices for wholesale quan ties of standard quality. Prices of crude drugs and essential oils vary as to brand or grad

28 Essex Street, W.C.2, October 1

PRODUCTION of PHARMACEUTICAL and FINE CHEMICALS still falls short of demand, although in recent weeks the export markets have been disturbed by the exchange position. As a result of the continuing shortage of acetic anhydride, supplies of ACETANILIDE have not improved, and output of ASPIRIN has also been restricted. The demand for BENZYL BENZOATE has been maintained and supplies of this product are good. Prices of chemicals are fully held in all markets. The price of refined GLYCERIN has been advanced by £2 10s. per ton, as from October 1, making the new basic rate £122 10s. per ton. The increase is due to rises in the costs of refining and transport. Holders of permits bearing a September date will be charged at the former rate.

Crude Drugs

Business in CRUDE DRUGS has been slow during the last few days, with prices unchanged on the week. There has been a good inquiry for AGAR and there are no supplies on the spot. Curaçao ALOES has attracted more interest and fair stocks are held by merchants. CANADA BALSAM is firmer on the spot; supplies at origin are exhausted and collection will shortly be suspended until the spring. PERU BALSAM is somewhat easier. It is understood that BALSAM TOLU is dearer at source owing to a poor start with the crop. CAMPHOR is firmly held at former prices. The CASCARA SAGRADA market has been without material alteration and prices are unchanged. Little interest is shown in CASCARILLA. A good volume of business has been done in GUM ARABIC and spot supplies have been much reduced; quotations have firmed for Kordofan sorts. Egyptian HENBANE (*H. muticus*) has attracted a fair inquiry. MENTHOL and SENEGA continue firm. A fair business is passing in WAXES; there is little improvement in supplies of BEESWAX.

Essential and Expressed Oils

There has been only a small volume of trade in ESSENTIAL OILS with prices in the forward market still falling for a number of oils. BITTER ALMOND, of good quality, is now available from 55s. per lb. CASSIA OIL is in short supply on the spot.

The Minister of Food announces that the only change in the prices of UNREFINED OILS and FATS and TECHNICAL ANIMAL FATS allocated to primary wholesalers and large trade users during the five-week period ending November 1, will be a reduction in the price of whale oil/herring oil acid oil to £58 a ton, naked ex works.

U.S. Drug and Chemical Repo

New York, September 2

SOME curtailment in the U.S. chemical e port trade is likely during the four quarter of 1947 because of the dollar shor age and the unsettled economic conditio abroad. U.S. exports of MEDICINAL a PHARMACEUTICAL PREPARATIONS during t first half of 1947 were valued at $92,648,73 or 26 per cent. more than in the sa period of 1946. The June figure howev of $15,648,738 was 14 per cent. below t May level BORAX crystals are $20 per to dearer at $73.50 per ton. ACETONE will advanced by half a cent per lb. on Octob 1. Prices will then be from 7½-9½ cen per lb. The MENTHOL market has turne strong and quotations are advancin Some sellers here are asking $8.75 to $9.0 per lb. against $8.00 to $8.25 a week ag Some market observers consider the i crease completely speculative in charact in view of the good stocks on hand and t belief that several consumers are alread fairly well covered in their anticipate winter requirements.

While SPICES continued to advance i price last week, medicinal BOTANICA DRUGS mostly moved downwards. Ther was a definite firmness in domestic mate ials, however, shortages being anticipate within a few months because of the poo collections this season. HYDRASTIS ROO is understood to be available in good quan tities and the quotation has been reduce from $8.25 per lb. for whole material t $7.90. Imports of ESSENTIAL OILS int the U.S. over the first six months of 1947 at 3,060,142 lb., declined 17 per cent. fro the receipts in the corresponding period o 1946. The market for essential oils an AROMATICS showed more steadiness las week. Nevertheless, it is now indicate that buyers are reluctant to purchas materials beyond their immediate require ments in view of the continued downwar price trend of recent months.

Pharmaceutical Chemicals

BISMUTH PREPARATIONS.—Scheduled rate for LIQ. BISMUTH. ET AMMON. CIT., B.P.C are from 1s. 7½d. to 2s. per lb., packed i Winchester quarts, and from 1s. 10d. t 2s. 3d. in corbyns. PULV. BISMUTH. CO., N.F. in quantities of 28 lb. to 1 cwt., is quoted a 3s. 1d. to 3s. 5d. per lb.

BROMIDES. — Current rates per lb. fo POTASSIUM, in quantities of 28 lb. to 1 cwt. (containers in brackets), are as follows: 3s. 5½d. (1-lb.), 3s. 4½d. (2-lb.), 3s. 4d. (4-lb.), 3s. 3d. (7-lb.), 3s. 2½d. (14-lb.), 3s. 1½d. (28-lb.). In bulk, 1 cwt. is quoted at 2s. 7d per lb. and 5 cwt. at

s. 6d. Powder is 2d. per lb. extra. SODIUM 1½d. per lb. less than above rates; MMONIUM is ½d. per lb. more than above ates. Terms are net; carriage paid on cwt. lots in U.K. Prices and conditions pply to trade in Eire on usual carriage aid terms, duty and marine war risk inrance for buyer's account.

CAFFEINE.—In short supply. Makers' rices per lb. are as follows: ALKALOID, hydrous, from 41s. 6d. to 45s. 6d. and .P., from 39s. 6d. to 43s. 6d., according quantity; CITRATE, from 24s. 6d. to s. 6d.; SODIUM BENZOATE, from 24s. to s.; SODIUM SALICYLATE, from 24s. 9d. to s. 9d.; SODIUM IODIDE, from 29s. to 32s.

CALAMINE.—B.P.C. quality is quoted at s. 2d. per lb. for quantities of 1 cwt.

CALCIFEROL.—Quotations are at from 1s. to 12s. per gm., according to quantity.

DIGITALIN.—Crystals (French Codex) re quoted at 170s. per gm.

EMETINE.—Makers' prices per oz. are as llows: HYDROCHLORIDE, 1 oz., 207s.; oz., 200s.; 16 oz., 197s. 6d.; 32 oz., 195s. ISMUTH IODIDE, 1 oz., 103s. 6d.; 4 oz., 2s.; 16 oz., 100s. 6d.; 32 oz., 99s.

HYDROQUINONE.—Current prices per lb. re 9s. (less 2½ per cent.) for 28-lb. lots and s. 9d. (net) for 1-cwt. lots; other quantities proportion. Packages free. Contracts: inimum 5 cwt. over twelve months.

MERCURY SALTS.—Makers prices are as llows: AMMONIUM CHLORIDE, B.P., power, 9s. 5d.; lump, 9s. 3d. BICHLORIDE, .P., powder, 8s. 1d.; lump or granular, s. 8d. MERCUROUS CHLORIDE, B.P., 9s. 4d. ED OXIDE, B.P.C., 10s. YELLOW OXIDE, .P., 10s. 7-lb. lots are 6d. per lb. less han above prices.

PIPERAZINE.—Current prices are from s. 6d. per oz., according to quantity.

POTASSIUM PERMANGANATE.—Prices are nchanged and are as follows: B.P. (in 1-wt. drums), 1 cwt. and over, 1s. 8½d. per b.; 3 cwt. and over, 1s. 8d. TECHNICAL (in -cwt. drums), 1 cwt. and over, 166s. 3d. er cwt.; 3 cwt. and over, 161s. 9d.; 5-cwt. nd over, 159s. 3d.; 1 ton and over, 56s. 9d.; 4 tons and over, 154s. 3d. TECHICAL (in 5-cwt. drums), 5 cwt. and over, 56s. 9d. per cwt.; 1 ton and over, 54s. 3d.; 4 tons and over, 152s. Terms, et, carriage paid to nearest station, conainers extra and returnable.

PROCAINE HYDROCHLORIDE. — Current uotations are from 42s. 6d. to 45s. per lb.

SANTONIN.—Prices are unchanged; 5 ilos, £44 per kilo; less than 5 kilos, £45; kilo, £46; half-kilo, £47; quarter-kilo, 48 per kilo; carriage paid in U.K.

SULPHANILAMIDE.—Quotations are from s. 9d. to 6s. 6d. per lb., according to quanity and pack.

VANILLIN.—Current rates are: 5 cwt., 2s. per lb.; 1 cwt., 2s. 3d.; 56 lb., 22s. 6d.; maller quantities, 22s. 9d. per lb. Demand s greatly in excess of supplies.

Crude Drugs

ACONITE.—Indian root quoted from 375s. to 380s. per cwt., according to holder.

ALOES.—Spot supplies of *Cape* are low with prices from 175s. to 185s. per cwt.; for shipment, 145s., c.i.f. Curaçao, in boxes, is quoted at 235s. to 245s., spot; forward, 215s. to 220s., c.i.f. Socotrine is quoted at 156s. to 190s. per cwt., according to quality.

ANISE.—Spot quotations are at 130s. per cwt.; for shipment, 110s., c.i.f.

ANTIMONY.—Current rates are as follows: 99.6 per cent. regulus, £190 per ton, delivered; 99 per cent., £180; 70 per cent. crude, £150.

ARECA NUTS.—Ceylon is quoted at 65s. to 67s. 6d. per cwt., spot.

ASAFETIDA.—Block on the spot is quoted from £25 to £28 per cwt., according to quality and seller.

BALSAMS.—Supplies of *Canada* continue short on spot; quotations are at 17s. per lb. Para *Copaiba*, on the spot, is steady at 8s. per lb. for soluble and 7s. 3d. for insoluble. San Salvador *Peru* is quoted at 6s. 9d. to 7s. per lb. duty paid. Spot quotations for *Tolu* are unchanged at 18s. per lb.

BAY LEAVES.—Leaves without stems 88s. to 90s. per cwt., duty paid, quoted.

BENZOIN.—Sumatra is quoted at from £15 to £21 per cwt., spot, as to quality.

BISMUTH.—Current price of high-grade metal is 11s. per lb. for quantities of 5 cwt.

BUCHU.—Short-round or oval leaves are available on the spot from 4s. 2d. to 4s. 3d. per lb.; shipment, 4s., c.i.f.

CALABAR BEANS. — Quotations are at 10½d. per lb., ex warehouse, Liverpool.

CALUMBA.—Natural unwashed root is quoted at 65s. per cwt.

CAMPHOR.—The market is steady, with spot quotations unchanged. Chinese tablets (¼-oz.). quoted at 11s. 3d. to 11s. 6d. per lb.; refined powder (B.P.), 10s. 3d. to 10s. 6d.; Formosa (B.B.), 9s. 6d. to 10s.; 2½-lb. slabs, afloat, quoted at 10s. 6d. per lb., landed, duty paid. Chinese crude, 93-95 per cent., 7s. per lb.

CANTHARIDES.—Spot, Chinese is quoted at 15s. to 16s. per lb., duty paid, according to quantity; for shipment, 7s. 9d., c.i.f.

CAPSICUMS.—East African, spot, steady at 120s. to 140s. per cwt., according to quality.

CARDAMOMS.—Mangalore: Half-bleached, A's, are quoted at 8s. 3d. per lb.; B's, 7s. 9d. per lb.; seeds, 7s. (nominal), spot. Aleppy seeds No. 1, offered at 7s. 9d. per lb.; Aleppy greens, 6s. 9d. per lb., spot.

CASCARA SAGRADA.—1946 peel on the spot is firmly held at 260s. per cwt., duty paid. American new-crop bark is maintained at 255s., duty paid.

CASCARILLA. — Quills are quoted from 1s. 8d. to 1s. 10d. and siftings at 1s. 6d. per lb., spot.

CASSIA PODS (*C. fistula*).—East Indian, quoted at 75s. to 80s. per cwt., ex wharf.

CHAMOMILES.—Belgian old-crop flowers are rather scarce on the spot and prices are from 10s. to 10s. 6d. per lb.

CHAULMOOGRA.—*Hydnocarpus*, in tins in cases, can be bought at 1s. 10d. per lb., spot.

CHILLIES.—Quiet. Mombasa, quoted at 160s. per cwt., spot: Nigerian, 135s., spot; Japanese-type, 190s. to 200s.

CINNAMON. — Quiet. Quillings are quoted at 2s. 1½d. to 2s. 2d. per lb., spot; featherings, 1s. 6d. to 1s. 9d.; chips, 1s. to 1s. 1d., according to quality.

COCHINEAL.—Silver greys, quoted at 4s. 3d. to 4s. 6d. per lb., spot; blacks, 5s.

COCOA BUTTER. — Maximum controlled price is 2s. 11d. per lb., delivered.

COD-LIVER OIL.—British-produced oil of B.P. quality is quoted from 12s. to 13s. per gall., delivered in the United Kingdom.

DRAGONS BLOOD.—Singapore reboiled No. 1 is at £80 to £85 per cwt., spot; second-grade material is available at £50.

ELEMI.—Manilla No. 1 material, now afloat, is quoted at 2s. 3d. per lb., landed.

ERGOT.—Quoted at 4s. 9d. per lb., spot, forward, 4s. 3d., c.i.f.

EUPHORBIUM.—Firm. Spot quotations are from 85s. to 90s. per cwt.

GAMBOGE.—Spot, Siam pipe is quoted at £60 per cwt., duty paid.

GENTIAN.—French natural root, on the spot, is easier at 95s.; cut, 130s. per cwt.

GINGER.—Jamaica No. 1 is quoted at 110s. per cwt., spot; No. 2 is quoted at 95s.; No. 3, 90s. Sierra Leone, on the spot, is unchanged at 67s. 6d.

GUAIACUM RESIN.—Quotations for lump are from 2s. 9d. to 3s. per lb., spot.

GUM ACACIA.—Kordofan cleaned sorts, firmer at 73s. per cwt., ex store; shipment, 69s., c.i.f. Bleached No. 1 is quoted at 145s., ex store. Talha is at 43s. per cwt., spot; forward, 39s. 6d., c.i.f.

GUM MASTIC.—No. 1 is offered on the spot at 14s. per lb., duty paid.

HENBANE.—The official drug is quoted at 4s. 6d. per lb. spot. Egyptian (*H. muticus*) is available on the spot at 105s. per cwt.; forward, 110s. per cwt., c.i.f.

HENNA.—Egyptian leaves are quoted at 135s. per cwt., ex warehouse. Indian is offered at 160s. per cwt., spot.

IRISH MOSS.—French material, finest-quality bleached, quoted at 120s. per cwt., spot; No. 1, 105s.; No. 2, 95s. per cwt.

JALAP.—Vera Cruz, spot offered at prices from 4s. to 4s. 6d. per lb., according to test.

JUNIPER.—Italian berries, quoted at from 56s. to 65s. per cwt., duty paid, according to quality.

KOLA NUTS.—Steady. African quarters are quoted at 7½d. per lb; African halves, 5d. to 6d., according to quality; Jamaican washed halves, 5½d. per lb.

LAVENDER FLOWERS.—Spot quotation are from 2s. 3d. to 4s. 6d. per lb., accordin to quality.

LIQUORICE ROOT.—Anatolian whole roo is steady at 52s. 6d. per cwt., spot. Turkis juice (block) to come forward is quoted a 250s. per cwt., duty paid; shipment, 225s c.i.f.; Turkish stick (2-oz.) is offered a £455 10s. per ton, spot. Italian stick (1-oz and 2-oz.) is available on the spot at price from £420 to £485 per ton, according t quality.

MACE.—West-Indian blade, on the spot is quoted at 7s. per lb.; pickings, 4s. t 5s. 6d., according to quality.

MALE FERN.—Jugo-Slav is quoted fron £82 10s. to £85 per ton, spot.

MENTHOL.—Brazilian material on th spot is firm at 48s. to 50s. per lb., duty paid forward offers, 43s., c.i.f., buyers' licence Chinese, in original cases, is quoted a 52s. 6d. per lb., duty paid; forward quota tions are around 60s. per lb., c.i.f.

MERCURY.—Spot quotation is £16 pe flask, ex warehouse; for shipment, £15 8s. c.i.f. U.K.

MYRRH.—Spot. Aden sorts is quoted at £14 to £15 10s. per cwt., according to quality; siftings, £8 to £10 per cwt.

NUTMEGS.—West Indian 80's, on the spot, 2s. 9d. per lb.; sound unassorted, 2s. 3d.; wormy and broken, 1s. 8d.

NUX VOMICA.—Madras is steady at 40s. to 42s. 6d. per cwt. Mangalore, 40s.; Cochin, scarce, 42s. 6d. to 45s., spot, as to seller.

OLIBANUM.—Fair to good drop is quoted from 200s. to 240s. per cwt.; pea size, 220s.; good garblings, 180s.; seeds, 175s.; siftings, 110s.

ORANGE PEEL. — Spot quotations for Spanish quarters are at 1s. 6d. per lb.; sweet ribbon is quoted at 1s. 9d. per lb. Bitter ribbon, 1s. 3d. per lb., spot Liverpool.

ORRIS.—Florentine, on the spot, is quoted at prices from 150s. to 200s. per cwt., according to holder; Veronese, 135s. per cwt.

PAPAIN.—East African on the spot is quoted at 31s. to 32s. 6d. per lb., according to holder.

PIMENTO.—Spot quotations are at 1s. 2½d. per lb.; to arrive, 119s. per cwt., c.i.f.

PSYLLIUM SEED.—Black, on the spot, is quoted at prices from 2s. 3d. to 2s. 6d. per lb.; pink seed (Isphaghula) is scarce at 1s. 5d.

QUASSIA.—Chips, shipment, quoted at 34s. per cwt., c.i.f.; September-October is quoted at 32s., c.i.f.; spot, 40s., value.

QUILLAIA.—Natural bark is quoted at prices from 105s. to 115s. per cwt., spot; cut, for future delivery, 135s. per cwt.

QUINCE SEEDS.—Cape, on the spot, is quoted at 5s. 9d. to 6s. per lb.

RHATANY. — Spot quotations are unchanged at 11d. per lb.

RHUBARB.—Chinese rough round on spot quoted from 3s. 6d. per lb. for a No. 3 ality to 7s. for Double Deer; parcels oat of good sound root are quoted at 6d., duty paid. French rhapontica is ailable at 1s. 6d. per lb.

SEEDS.—Several items have shown a ner tendency during the past week. ISE.—Cyprus, 2s. 3d. per lb., and Turk-, 2s. 1d. per lb., duty paid, spot London Liverpool. CARAWAY.—Dutch, quoted at 0½d. to 1s. 1d. per lb., duty paid, ex arf London. CELERY.—Indian, 1s. 4d. r lb., spot Liverpool. CORIANDER.—Spot, rocco quoted at 42s. 6d. per cwt., duty id, ex wharf London; Argentine, 42s. 6d. r cwt., duty paid, ex wharf London. MIN.—Spot. Indian, 235s. per cwt., ex re Liverpool or Hull; Cyprus, 235s. per t., quoted in London. DILL.—Indian, s. 6d. per cwt., ex wharf Liverpool, and s. per cwt., quoted in London. FENNEL. Indian 90s. per cwt., quoted in London, s. per cwt., in Liverpool. FENUGREEK.—dian, 45s. per cwt., ex wharf London, and s. per cwt., ex store Liverpool. For ipment, October-November, 42s. per cwt., .f., quoted.

SENEGA.—Spot quotations for old-crop aterial are from 12s. 6d. to 13s. 6d. per .; new-crop, 12s. 3d., c.i.f.

SENNA. — Steady. Tinnevelly leaves, ot, No. 1, 1s. 2d.; No. 2, 10½d.; No. 3, ½d. to 9d.; No. 4, 7½d. per lb. Tinnevelly ds, hand-picked, 10d. to 1s. 4d.; manufac-uring, 5½d. to 6d. Alexandrian pods, and-picked, spot, from 4s. 9d. to 5s. 9d. cording to quality; medium 2s. 9d.; anufacturing, 1s. 9d. to 2s. per lb.

SHELLAC.—F.O.T.N., pure, quoted at 0s. per cwt., spot.

TRAGACANTH.—Selected ribbon is quoted t £150 per cwt.; other grades of white ibbon are available at from £75 to £120 er cwt. Prices of lower grades are as llows: Pale leaf, £50 to £70; amber leaf, 35 to £45; red leaf, £17 to £25; hoggy, £12 o £15.

TURMERIC.—Madras finger is quoted at 05s. per cwt., spot Liverpool or London.

VALERIAN.—Belgian root is at 190s. to 20s. per cwt., according to holder.

WAXES.—Bees'.—Spot supplies are low. Dar-es-Salaam, October-November ship-nent, 370s. per cwt., c.i.f., quoted. Yenan s offered at 370s. per cwt., duty paid. Benguela, 375s. for spot; shipment, 297s. 6d., c.i.f., buyers' licence. CANDELILLA.—Quoted at 410s. per cwt., spot; shipment, 390s., c.i.f. CARNAUBA.—Fatty is quoted at 610s. per cwt., spot; afloat, 540s. c.i.f.; October-November shipment, 510s., c.i.f. Prime yellow, spot, 800s. per cwt. quoted; ship-ment, 730s., c.i.f. MONTAN.—Reibeck is steady at 390s. per cwt., spot; Czechoslovak crude, 335s. per cwt., spot. OURICURI.—9 per cent., spot, 365s. per cwt.; shipment, 5 per cent., 335s., c.i.f.; 2 per cent., 350s., c.i.f.; 1 per cent., 360s., c.i.f.

Essential and Expressed Oils

ALMOND.—B.P. (sweet) is difficult to find and is quoted from 8s. to 12s. per lb., according to seller. Good-quality bitter oil is quoted at 55s. to 60s. per lb.

ANISEED.—Spot quotations are from 7s. per lb.; forward, 4s. 6d. to 5s., landed.

CASSIA. — Spot quotations are from 15s. 9d. to 17s. per lb., as to quantity.

CINNAMON.—Imported oil (factitious) complying with B.P. requirements is quoted at 80s. to 90s. per lb., spot. English-distilled oil from Ceylon bark is available at from 24s. to 40s. per oz., according to quality. Leaf oil, spot, quoted at 11s. to 13s. per lb.

CITRONELLA.—Ceylon, spot, is quoted from 5s. per lb.; Java, forward, quoted at about 7s. 6d., c.i.f.

CLOVE. — English-distilled bud oil is steady at 11s. 6d. to 12s. per lb.

LINSEED.—Controlled price of crude is £200 per ton, naked ex works.

PENNYROYAL.—Spot quotations are unchanged at from 23s. to 25s. per lb.

ZANZIBAR CLOVES

EXPORTS of cloves from Zanzibar fell away very considerably during the April-June quarter and disturbed conditions in some overseas markets made themselves felt. The United States of America were not buyers, having directed their purchasing to Madagascar, from which their supplies were drawn. India was the main buyer. Lack of overseas interest is reflected in the open market price, the level of which was lower during the quarter but closed at Shs. 51-50. Stockists took up all supplies, the Clove Growers' Association not being buyers. The Association's share of exports was negligible. Stockists, having virtually acquired the whole harvest by purchase at prices in excess of the Association's guaranteed minimum buying price, have undertaken the position of being sole exporters. The harvest indications are not good, and there is evidence of a small and late crop. The Association's buying prices remain unchanged for the 1947-48 season, with a proviso that prices will be subject to review on or before January 1, 1948. Exports to all destinations totalled 2,766,478 lb. Exports of clove-stem and clove oil, although higher than in the previous quarter, are still insufficient to meet the demand, particularly from the United Kingdom. During the period distillation absorbed 1,534,648 lb. material. Oil exports amounted to 122,105 lb., mostly to the United Kingdom. For the twelve months to June 30, exports were 433,538 lb.

TRADE MARKS

(From "The Trade Marks Journal," September 10)

"CRINATINT"; for toilet preparations for tinting the hair (3). By Victor Henri Rene Desvaux de Marigny, 1 Shorrolds Road, Walham Green, London, S.W.6. 648,299 (Associated).

"SPIFF"; for abrasive cleaning preparations for sale in East Lothian, Mid Lothian, West Lothian, Fifeshire and Stirlingshire (3). By the Dunedin Chemical Co., Ltd., 4 Albyn Place, Edinburgh, 2, Scotland. B642,400 (Associated).

"THEDIG"; for pharmaceutical preparations and substances for internal administration (5). By W. A. Wharram, Ltd., 27 Eastgate, Leeds, 2. 646,388.

"NU-LAN"; for pharmaceutical preparations and substances (5). By Newton-Lansdowne & Co., Ltd., Brook House, 2 Torrington Place, London, W.C.1. 646,999.

"GAMATOX"; for sheep and cattle dips and veterinary preparations (5). By Cooper, McDougall & Robertson, Ltd., Chemical Works, Ravens Lane, Berkhamsted, Herts. 647,551.

"LYTENSAL"; for all goods included in this class (5). By May & Baker, Ltd., Dagenham, Essex. 650,217.

"HYDROBOT"; for shaving instruments (8). By George Stephen Kammer, 48 Albemarle Street, Piccadilly, London, W.1. 648,746.

"MEDRICOL"; for all goods included in this class, except preservatives for foodstuffs (1). By Metropolitan Drug Co., Ltd. 647,143 (Associated).

(From "The Trade Marks Journal," September 17)

"HEMWAY" in distinctive lettering; for agricultural, horticultural and forestry chemicals (other than fungicides, insecticides and weed- and vermin-killers), industrial, scientific and photographic chemicals, food preserving chemicals (1); for pharmaceutical preparations for human and veterinary use; sanitary substances, disinfectants, fungicides, insecticides and weed- and vermin-killers (5). By Hemmingway & Co., Ltd., 28 Marsh Gate Lane, Stratford, London, E.15. 648,318, 648,320 (Associated).

"LONSICAR"; for all goods (1), and for cleaning, polishing, scouring and abrasive preparations (3). By Lonza Elektrizitatswerke und Chemische Fabriken Aktiengesellschaft, Gampel, Canton of Valais, Switzerland. 650,012-13 (Associated).

"DUTREX"; for industrial chemicals (1). By Shell Chemicals, Ltd., 22 Great St. Helens, London, E.C.3. 648,748 (Associated).

"KING'S MEN" in distinctive lettering; for eau de Cologne, shaving soap, toilet soap for the hands, and non-medicated toilet preparations for use after shaving (3). By Bernard Wolfe and others trading in co-partnership, 742 South Hill Street, Los Angeles 14, California, U.S.A. 642,196.

"SKEENO"; for preparations for cleaning the hands (3). By The "Nu" Products Co., Ltd., Court Road, Grangetown, Cardiff. 649,560.

"FOUR STAR" and four stars in rectangular shape; for oils prepared for use in medicine and pharmacy (5). By Shafer-Haggart, Ltd., 402 West Pender Street, Vancouver, Canada. 648,342 (Associated).

"PARFUMS MARNY"; for perfumes (3). By S. A. R. L. Dite les Laboratoires de la Jeunesse, 8 rue de Berri, Paris 8e, France. B642,847.

"TYESUCLEAN"; for cleaning preparations for laundry and domestic use, and detergents (3). By John Tye & Son, Ltd., 457 Caledonian Road, London, N.7. 649,676 (Associated).

COMING EVENTS

Monday, October 6

SOUTHAMPTON BRANCH, PHARMACEUTICAL SOCIETY, Polygon Hotel, Southampton, at 7.30 p.m. Lecture and film show on "Vitamins."

ROMFORD BRANCH, PHARMACEUTICAL SOCIETY, Market Room, Golden Lion Hotel, Romford, at 7.30 p.m. Dr. S. O. Rawling, F.R.P.S., on "The Behaviour of Some Photographic Materials."

WEST KENT BRANCH, PHARMACEUTICAL SOCIETY, Central Library Hall, Beckenham Road, Beckenham, at 8 p.m. Miss C. E. Mozley-Stark, on "The National (War) Formulary."

Tuesday, October 7

NORWICH BRANCH, PHARMACEUTICAL SOCIETY, Three Ways Tea Rooms, Brigg Street, Norwich, at 7.15 p.m. General meeting, and showing by Evans Medical Supplies, Ltd., of their film "Take Thou."

HARROW BRANCH, PHARMACEUTICAL SOCIETY, Oak Hall, Baptist Church, College Road, Harrow, at 7.45 p.m. Miss A. M. Woods, S.R.N. (health visitor for Harrow) on "Maternity and Child Welfare."

CHADWICK PUBLIC LECTURE, Royal Society of Tropical Medicine and Hygiene, 26 Portland Place, London, W.1, at 2.30 p.m. Brigadier A. E. Richmond on "Positive Health."

Wednesday, October 8

WIGAN BRANCH, PHARMACEUTICAL SOCIETY. The annual dinner has been cancelled.

BLACKPOOL BRANCH, PHARMACEUTICAL SOCIETY, Hill's Café, Bank Hey Street, Blackpool, 7 p.m. to midnight. Dance. Tickets (price 5s. each) from secretary.

IRISH CHEMISTS' GOLFING SOCIETY, Hermitage Golf Club, co. Dublin. Golf competition followed by "Coming-of-Age" gala dinner.

ABERDARE AND MERTHYR BRANCH, PHARMACEUTICAL SOCIETY, Ferrari's Café, Canon Street, Aberdare, at 7.30 p.m. Annual meeting.

Thursday, October 9

LEEDS BRANCH, PHARMACEUTICAL SOCIETY, Metropole Hotel, Leeds, at 7.30 p.m. Dr. G. R. Boyes (Allen & Hanburys, Ltd.), on "Recent Advances in Therapeutics."

SOCIALIST MEDICAL ASSOCIATION, Denison House, 296 Vauxhall Bridge Road, London, S.W.1, at 7.30 p.m. Dr. Marc Daniels on "Health Services in Post-war Poland." (Admission 1s.).

NORTH WALES SECTION, CHEMICAL SOCIETY, University College of North Wales, Bangor, at 4 p.m. Sir Ian Heilbron on "DDT and Gammexane in the Control of Insect-borne Diseases."

LEEDS BRANCH, PHARMACEUTICAL SOCIETY, is holding its annual dinner and dance at the Parkway Hotel, Leeds, on Wednesday, October 22. Tickets (price £1 1s. each) from secretary.

MANCHESTER PHARMACEUTICAL ASSOCIATION, JUNIOR BRANCH, is holding a dance at the Men's and Women's Debating Hall, Manchester University, on Wednesday, October 15, 7-11 p.m. Tickets (price 2s. 6d. each) may be obtained from Miss I. F. A. Lewis, 27 Amherst Road, Fallowfield, Manchester (Telephone: Collyhurst 2254).

TWO COUGH SYRUPS

of outstanding merit. Order early

WILD CHERRY PECTORAL
FOR ADULTS AND CHILDREN

4 oz. . . . 6/6 Per Doz.
6 oz. . . . 8/9 ,, ,,

COMPOUND
BLACKCURRANT & IPECAC
FOR ALL CHILDREN

4 oz. . . . 7/3 Per Doz,
8 oz. . . . 9/9 ,, ,,

PLUS PURCHASE TAX

BURGOYNE BURBIDGES
Established 1741 & COMPANY LIMITED. LONDON. E.6

FINEST QUALITY

SOLUBLE AND FRUIT

ESSENCES

ESSENTIAL OILS

PERFUMERY AND SOAP COMPOUNDS

★ ★ ★

ESTABLISHED 1870

C. W. FIELD

LIMITED

Offices & Works :

EDWARDS LANE,
SPEKE,
LIVERPOOL, 19

Phone : Hunts Cross 1345-6-7
Grams : Cambrian, Liverpool

London	*Dublin*
5 Great James St., Bedford Row, W.C.1	16 Rutland St., Parnell Square
Telephone: HOLborn 8251	*Telephone :* 77162

GUMS

Acacia
Tragacanth
Karaya
Benzoin
Copal
Mastic
Damar

SHELLACS
and
WAXES

Japan Wax, White Bees Wax, Candelilla Wax, Carnauba Wax

In natural and powder form

Official Agents:
ANGELO BROS. LTD
SHELLACS

A. F. SUTER & CO., LTD.
15 Philpot Lane,
London - E.C.3.
Phone : MANsion House, 2274/5

BRAZILIAN and CHINESE

MENTHOL

CRYSTALS

REFINED CHINESE

CAMPHOR

TABLETS ¼oz. and ½oz.
SLABS and POWDER

GUMS, SHELLAC, WAXES,
DRUGS, CHEMICALS

ERNEST M. SINGER
5 WHITTINGTON AVE., E.C.3
Telephone : MAN. 6040-6666
IMPORT — EXPORT

Duncan

COMPOUND
GRIPE MIXTURE
(DUNCAN)

An excellent preparation for the relief of flatulence in babies and the treatment of various digestive disorders of small children.

Pleasantly flavoured, and combining the value of oils of dill and aniseed with sodium bicarbonate in a sweetened base, it is a popular counter line with an all-the-year appeal.

6-oz. Bottles 1/6 Purchase Tax Included

Another of the profitable Duncan Counter Lines

DUNCAN, FLOCKHART & CO. EDINBURGH LONDON

SOUTH AFRICA
AND
RHODESIA

ook the world over—find, if you can, a market nywhere that can rival the opportunity offered ou now by the UNION OF SOUTH AFRICA ND RHODESIA.
ROSPERITY'S smoke is pouring from its many ich Gold Mines and numerous industries.
GOLD PRODUCTION in South Africa has never efore been so great and its price so high.
MANUFACTURERS OF PROPRIETARY PATENT MEDICINES AND TOILET PREPARATIONS will ind this an extremely profitable market, and n excellent field for the promotion of British xports.
DRUGS & TOILETS (PTY.) LIMITED. Sole outh African distributors for a number of well-known proprietary products offers a complete ales, warehousing and merchandising Service. rom Headquarters in Johannesburg, and ranches in Cape Town, Port Elizabeth, East London, Durban. Salisbury and Bulawayo, salesmen actively canvass the trade throughout the entire territory and supply from full stocks held at each of their branches.
DRUGS & TOILETS (PTY.) LIMITED BUYS OUTRIGHT AND PAYS CASH IN LONDON for all its requirements through their London Office.
Write to
DRUGS AND TOILETS (PTY.) LIMITED
P.O. Box 2801, Johannesburg, South Africa

Quinine and Phosphorus Tonic

We can now resume deliveries of this popular Tonic, and accept a few new customers

Children's Cough Balsam

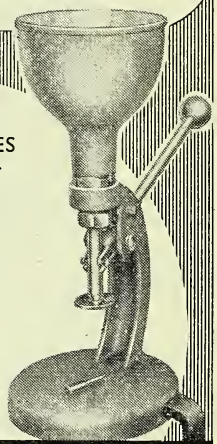
'Contenta' Gripe Mixture

Children's Tonic
containing
Glycerophosphates and Hæmoglobin
(Builder and Toner)

Blackwell Hayes & Co. Ltd
WHOLESALE PHARMACISTS
54-58 Moor Street - Birmingham - 4

QP EMULSIFIERS

HAND, BELT OR MOTOR DRIVEN



FOR SMALL TEST MIXTURES OR LARGE OUTPUT

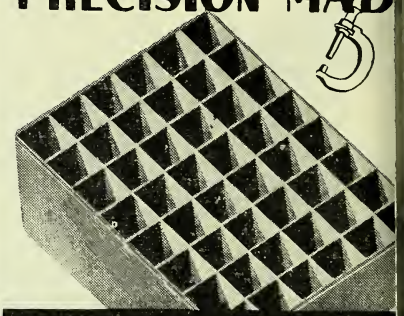
The hardiest and most reliable emulsifier - all working parts non-corrodible. Gives good, stable emulsification of pure liquids or small solids. With two jets, post free U.K. £5.5.0. ex-stock

Easy to use *Easy to clean*

ORMEROD ENGINEERS LTD.
SHAWCLOUGH • ROCHDALE

No. E.11

PRECISION MADE



PARTITIONS

AND CARTONS FOR ALL PURPOSES

J. DRING LTD
Sales Office: 34 HARLEY ST. PORTSMOUTH

BURNSIDE'S EUCALYPTUS OILS

Distilled in Australia by the largest distillers and refiners of Eucalyptus Oils in the world—W. K. BURNSIDE, PTY., LTD., MELBOURNE, AUSTRALIA.

80/85% B.P.	70/75% B.P.
Oil Euc. Dives 40/45%	Piperitone 90/95%
Oil Euc. Citriodora	Oil Euc. Phellandra

. . . . Phellandrene . . .

UNIFORMITY OF QUALITY . CONSISTENCY OF ODOUR

Agents for U.K.: **WILSON & MANSFIELD LTD., 15 Philpot Lane, London, E.C.3**
'Phone: MANSION HOUSE 9264-5-6 **(WHOLESALE ONLY)** *'Grams: WYFIELD, LONDON*

Telephone—
MAN. HOUSE 6877
5 Lines

A. REVAI & CO. LTD.

7-8, IDOL LANE
LONDON, E.C.3.

PARATHYROID POWDER

GLANDULAR PRODUCTS

SUBA-SEAL

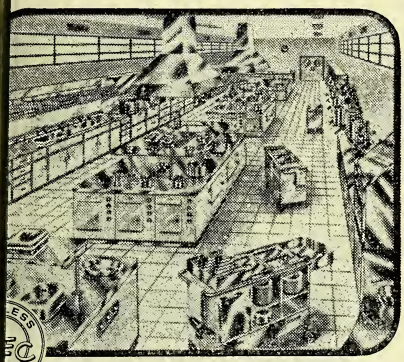
REGD. TRADE MARK

SAFETY
HOT WATER BOTTLE

WILLIAM FREEMAN & COMPANY LIMITED

SUBASEAL WORKS, PEEL STREET
BARNSLEY

Telegrams "SUBASEAL, BARNSLEY"
Telephone BARNSLEY 4081



STAINLESS STEEL

itchen and Serving Equipment

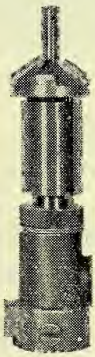
r hospitals, canteens and like organisations offer a range of highly polished stainless el equipment designed in the modern idiom d made by us who have been craftsmen in tal for over 100 years. It will pay you to ite today for our illustrated catalogue of se lasting bright aids to efficiency.

SALES DISTRIBUTION
REWS BROS (BRISTOL) LTD. WALCOT ST. BATH
PHONE: BATH 60251 (5 LINES). TELEGRAMS: STAINLESS, BATH.

AD 785

DESIGNED BY SPECIALISTS

ADELPHI OTTLE WASHER



is another mple of our ge of ECISION UIPMENT

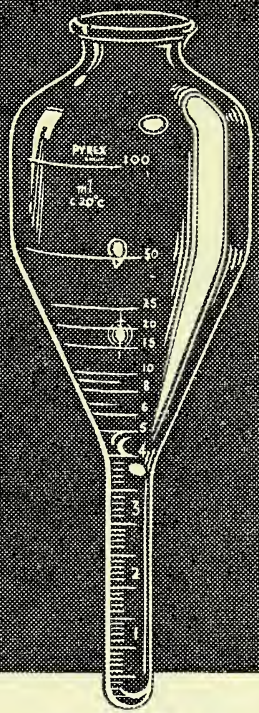
WILL SOLVE UR TTLE-ASHING OBLEM

OMPT LIVERY

- Simple Action.
- Thorough Cleansing.
- Complete Emptying.
- Wide range, any type of bottle.
- Sprinkler necks can be washed at the rate of 400 per hour.

CONNECT TO ANY MAINS SUPPLY TAP. NO SKILL NEEDED

DELPHI Manufacturing Co., Ltd.
(Dept. C.D.)
CHEMICAL ENGINEERS
ADAM STREET LONDON, W.C.2.
Temple Bar 4689



PYREX
REG. TRADE MARK BRAND.

Graduated Glassware.

Safety.
The low co-efficient of expansion of $3{\cdot}2 \times 10^{-6}$ per degree centigrade of PYREX Brand Graduated Glassware prevents fracture from sudden thermal changes.

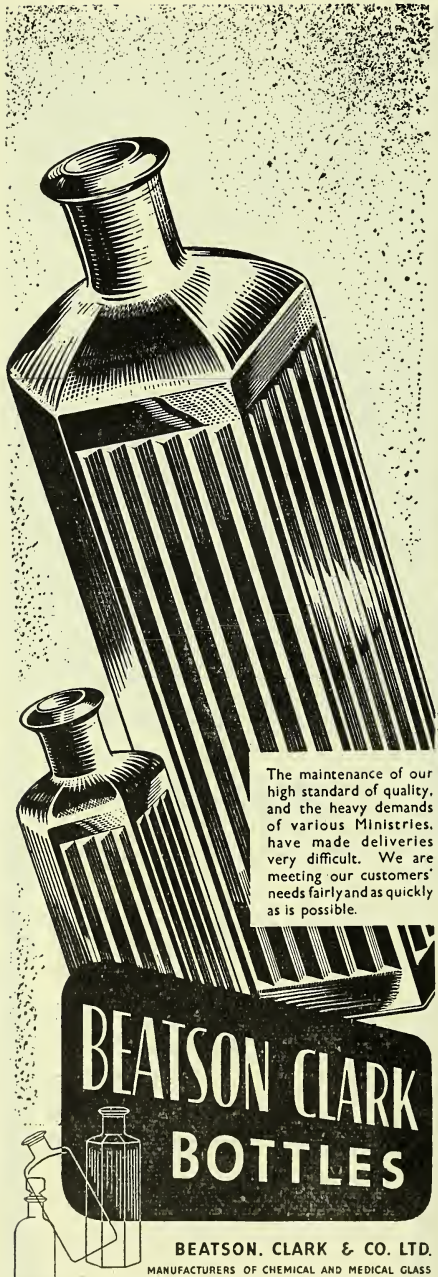
Strength.
By reason of this low co-efficiency, the structure of the glass can be made more robust than that of ordinary glass, thus saving a high percentage of breakage losses due to everyday handling.

Accuracy.
PYREX Brand Graduated Glassware is made in two N.P.L. standards of accuracy—**Class B** for everyday laboratory usage, and **Class A** for more meticulous research or analytical work.

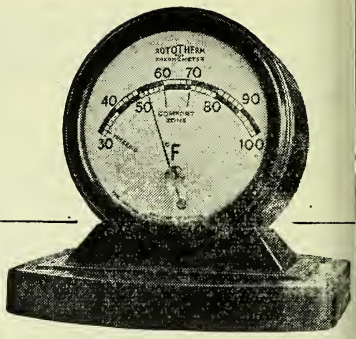
That's why you should ask for PYREX Brand.

made by
JAMES A. JOBLING & CO. LTD.
Wear Glass Works, SUNDERLAND.

G 56 C



BEATSON, CLARK & CO. LTD.
MANUFACTURERS OF CHEMICAL AND MEDICAL GLASS
ROTHERHAM *Established 1751* YORKS
BO51



Handsomely designed Table and Desk thermometers which you can sell or very profitable terms. Also Wal models in various colours.

PRICE 15/- Retail.

Rototherm
DIAL THERMOMETERS

THE BRITISH ROTOTHERM CO., LTD.
Merton Abbey, S.W.19 Tele.: Lib. 3406
and at 87 St. Vincent Street, Glasgow, C.2

Pitch

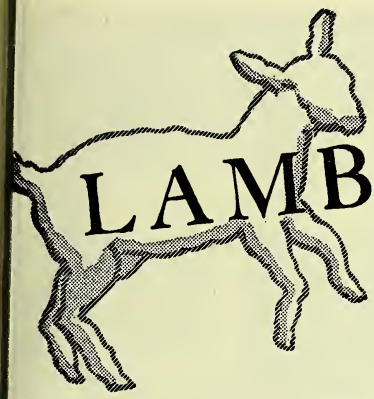
NEW or SECONDHAND MACHINERY
or Chemical Plant of any kind
REED BROTHERS (Engineering) LT
Bevis Marks House, London, E.C.3
Telephone - - AVEnue 1677/8

PERCENTA
THE CONTAINER PEOPLE
(PERCENTA LTD).

Containers of Metc Glass, Aluminiu and Plast

Tel: Hop 0516 (6 lines
Percenta House, 130/2 Tooley Street, London, S.

THE RELIABLE
Edosan
SANITARY TOWELS
PURE COTTONWOOL THROUGHOUT
EDOSAN LTD. 189, CARLTON VALE, LONDON N



Protexit

TRADE MARK

LAMB'S WOOL

for

CHIROPODY
and other uses

PRICES PER DOZEN:

½ oz.	1 oz.	2 oz.	4 oz.	8 oz.	16 oz.
3/9	6/9	12/-	22/6	39/-	75/-

All prices subject to 33⅓ per cent Purchase Tax, with the exception of the 16 oz. size

WHOLESALE TERMS ON APPLICATION

Attractively packed in carton with transparent paper wrapping

MACDONALD & SON, LTD
DAWSON STREET, SALFORD, MANCHESTER 3

Specify

DUNLOP

AIR CUSHIONS AND BEDS

★

WATER BEDS AND PILLOWS

★

MACONET AND COT SHEETING

★

ACID AND WATER-PROOF BEDSHEETING

★

When you order from your wholesaler

BACK TO PRE-WAR QUALITY

Although output is bigger than before the war, we cannot yet meet the full demand which the *quality* of Dunlop bottles creates. Keep in touch with your wholesaler for supplies.

DUNLOP RUBBER CO LTD · CAMBRIDGE STREET MANCHESTER
47G/SG2

FEATURE LIL-LETS TO BUSINESS WOMEN

1 THEY'RE EASY TO CARRY

So discreet—a carton in handbag or pocket—nobody knows.

2 THEY'RE EASY TO PACK

A carton of 12 Lil-lets is no bigger than a spectacle case—slips into a corner of a suitcase.

3 THEY'RE CONVENIENT TO USE

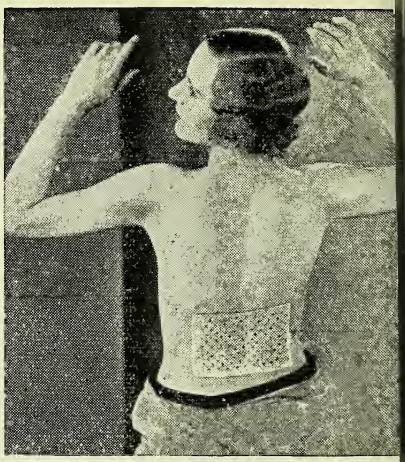
Comfortable, non-chafing, invisible, easy and quick to insert—big advantages to business women.

LIL-LETS are the new improved sanitary tampons, approved by doctors. Lil-lets are made of highly absorbent cotton wool, wholly enclosed in gauze, compressed and coated with an innocuous soluble film for easy insertion. Order from your usual wholesaler. Lil-lets sell at **1/9d.** a carton of 12. You buy the dozen carton at **15/4d.** net.

Lil-lets
INTERNAL PROTECTION

SANITARY TAMPONS

A SMITH & NEPHEW Product



A famous line with a steady demand

WILMATH

POROUS PLAISTERS

WM. MATHER LTD., Manchester 15.

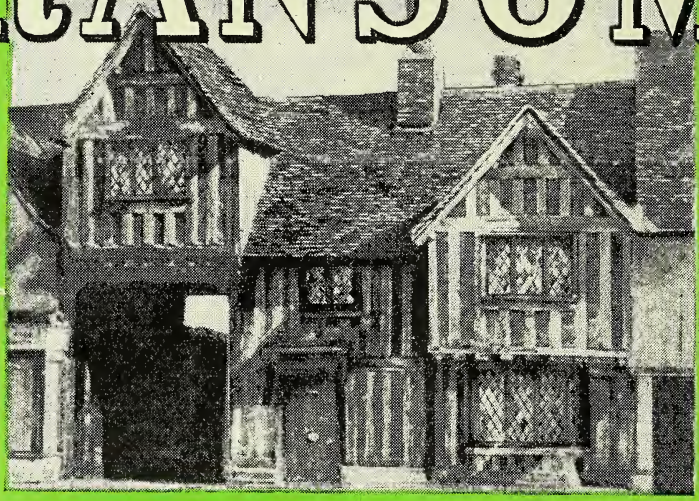
CINNAMIC ALDEHYDE

Immediate delivery from stock
Please write for particulars

Bush

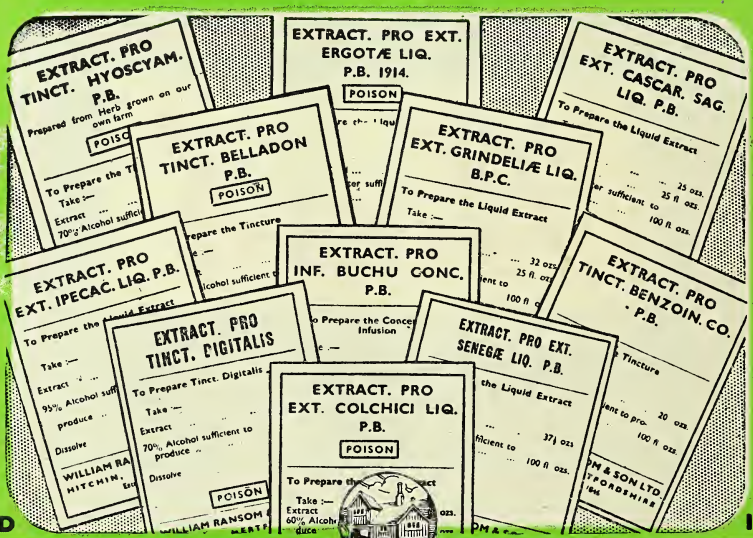
W J BUSH & CO LTD · LONDON E8 · ENGLAND

RANSOM



14th Century Gate-house to Ransom's Factory

Drug growing for over 100 years



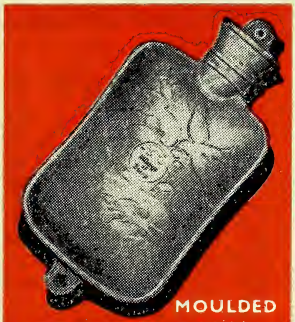
ESTABLISHED 1846

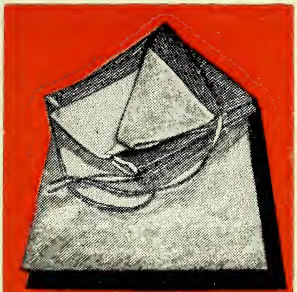
WILLIAM RANSOM & SON LTD.

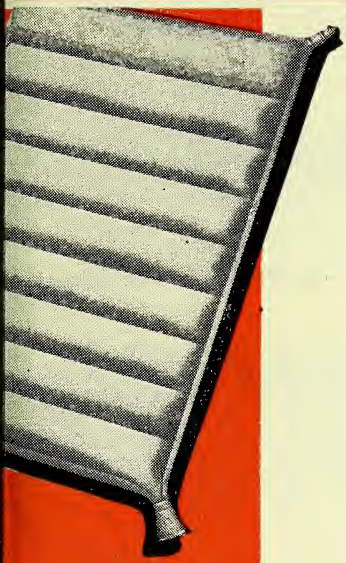
Growers of medicinal plants for over a century

Hitchin, Hertfordshire, England

COT SHEETS


MOULDED
HOT WATER BOTTLES


NURSING APRONS


WATER BEDS

Rubber Products

FOR

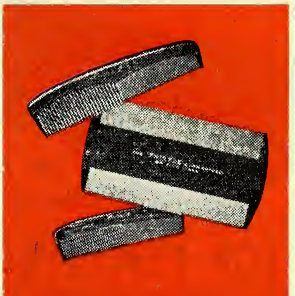
THE DRUGGISTS' TRADE

Not quite as quickly as you or your customers might wish, but steadily and surely, more North British Rubber products are becoming available. Illustrated are some of the lines which can now be ordered through your Wholesaler—all of them are of the high quality associated with the name North British.

NORTH BRITISH

THE NORTH BRITISH RUBBER CO. LTD.
EDINBURGH & LONDON.

CUSHIONS


COMBS

FABRIC
HOT WATER BOTTLES

HW 12

RENDELLS *request you*

to return to their address below all stocks of Rendells Pessaries which are not wrapped in "Cellophane' Cellulose film. These goods will be immediately exchanged for equal numbers of Cellulose-wrapped goods.

It is once more possible to dress our famous product in this modern hygienic wrapping and all future supplies will be so despatched.

★***Your stocks should be returned promptly, because the Public will now expect to purchase Rendells with the outer transparent wrapping.***

IMPORTANT. Postage will be refunded upon all goods returned *direct*. The sender's name and address must be written on the outside of all packages and the quantity returned stated.

NOW WRAPPED IN 'CELLOPHANE' CELLULOSE FILM AGAIN

W. J. RENDELL LTD.
161-5 ROSEBERY AVE, LONDON E.C.1.

PRODUCTS FOR FEMININE HYGIENE

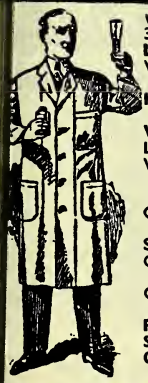
MATERIAL AND LABOUR SHORTAGE

For containers and display outers, and especially for shallow packs, our Patent carton with the clips is unquestionably, in material and labour, the most economical style available today

BOXFOLDIA LTD
BOURNBROOK, BIRMINGHAM

Grams: 'Boxfoldia, Birmingham'
Phone: Selly Oak 1164

GARDINERS *for* OVERALLS



WHITE DRILL JACKETS, coupons
3 Pockets Chest 34"-46" 10/9
LONG COATS, 3 coupons
White or Grey „ 34"-46" 14/11
„ „ „ „ 48"-52" 17/-
Khaki or Navy „ 34"-46" 15/9
„ „ „ „ 48"-52" 18/-
WOMEN'S OVERALLS, 3 coupons
Long Sleeves — White Drill, Wrap Over Style
SW W & WX OS & XOS
12/- 12/9 14/3
Coat Style, Belted,
13/9 14/6 15/8
Saxe, Green and Navy, Wrap Over Style
13/6 14/6 16/-
Coat Style, Belted,
15/10 17/2 18/6
Post 1 or 2 7d. All above shrunk State Chest Measurement. Send Cash and Coupons with Order, over £2 Carriage Paid.

GARDINER & CO. (THE SCOTCH HOUSE) LTD.
1, 3 & 5 COMMERCIAL ROAD, LONDON, E.1
Opposite Aldgate East Station 'Phone: BIS 6751 (8 lines)
Branches: DEPTFORD, S.E.8; WOOLWICH, S.E.18
CLAPHAM, S.W.11

Display and sell

Steadily increasing demands for Tampax are now being met by the improved supply position. This inevitably means increased sales for *you*—sales which can be helped by displaying Tampax prominently in your window and on your counter, for where women see, they buy. We shall be happy to send you on request either or both of the attractive sales aids shown above.

TAMPAX
REGISTERED TRADE MARK

Packets of 10: TRADE 15/9 doz. RETAIL 1/9 Packet.
Distributed through leading wholesalers

TAMPAX LIMITED
Sales Office: 110 Jermyn Street, London, S.W.1
Telephone: Whitehall 8696/7

"Prolonged and hearty purrs! The demand for 'Tibs' is growing bigger every moon—and chemists as well as cats are reaping the benefit. Yes sir! 'Tibs' on the counter means cash in the till. There are six million cats in this country—six million 'Tibs' customers. My aim? A 'Tibs' a day for every one of them—to a cat."

ORDER FORM

To BOB MARTIN LTD., Room 169, Southport, Lancs.

'TIBS' CAT POWDERS

1/6 SIZE CARTONS ..... doz.

7d. SIZE PACKETS ..... doz.
(in multiple of 2 doz.)

NAME .....

ADDRESS .....

..... P.A.T.A.

JOHN GOSHERON & CO LTD
GAYFORD ROAD LONDON W 12
SHE 3326 (5 lines) PW 47/14

Applied before Work

ROZALEX

REGD

Keeps Hands Clean & Health

Temporary Pack

For use in the home

Tins retailing at 2/1d. inc. Purchase Ta

★ *ALSO ROZALEX OINTMENT IN JARS 2/6 INC. PUR. TAX*

Rozalex Limited, 10 Norfolk St., Manchester,

Reliance

OULDED SEAMLESS HOT WATER BOTTLES

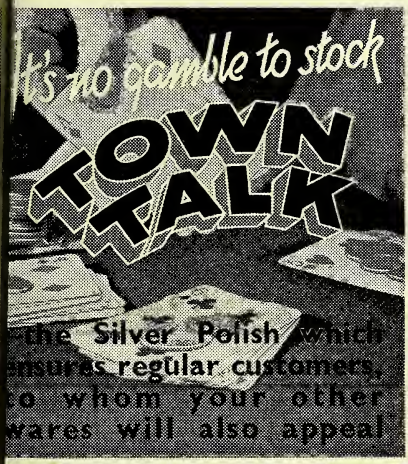
THE ORIGINAL BRITISH

pite of raw material difficulties and the shortage of al stoppers, the use of hard rubber stoppers enables o maintain full production—and even, shortly, to oduce new models.

plies are being distributed fairly, but we regret it is not possible to accept new business.

LIANCE RUBBER CO. LTD - LOTS ROAD - LONDON - S.W.10

hone: Flaxman 6200 and 0985/6 *ESTABLISHED 1889* *Telegrams: 'Doorstop' Fulroad, London.*



ORDER DIRECT OR FROM

ANCHESTER: D. Mawdsley & Co. James Woolley Sons & Co., Ltd.
EEDS: Goodalls (Leeds), Ltd.
EICESTER: E. H. Butler & Son.
NEWCASTLE-ON-TYNE: Wilkinson & Simpson
LONDON: Brooks & Warburton, Ltd. May, Roberts & Co. Ltd. Butler & Crispe
LIVERPOOL: Ayrton, Saunders & Co. Ltd.

E TOWN TALK POLISH CO., Manchester, 10

Speaking of

NORTHERN IRELAND

WILL REMIND YOU OF

Belfast Telegraph

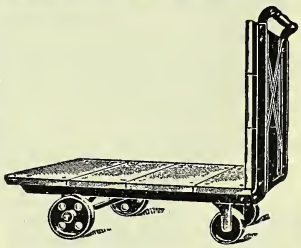
The Newspaper with the largest circulation in Northern Ireland. Read in the homes of the people throughout the whole of this important industrial and agricultural part of the UNITED KINGDOM

HEAD OFFICE: ROYAL AVENUE, BELFAST.

LONDON OFFICE: 112 FLEET STREET, LONDON, E.C.4

TYNE TRUCK & TROLLEY CO. LTD

66/68 NORTHUMBERLAND STREET NEWCASTLE UPON TYNE.1



Trucks and Barrows of every description.

Carboys-Tilters, Sackholders, Etc.

STAINED

For the "professional s cleaning of DAINTY DELICATE FABR SUITS, HATS, SA AND BROCADE SH GLOVES, SCARVES, T CARPETS, also for W DOWS, MIRRORS, BA PAINTWORK, etc.. **Solitaire Dry Cleane**

Solitaire Dry Cleane perfection itself for cleaning of all fabrics matter how dainty. chemical bleaching act Leaves no "ring." Nor flammable. Different f other solvents—cle by the action millions of globules wh gently ca away all d

Sold in bottles price 1/9 at Grocers, Chemists, Stores, etc.

SOLITAIRE DRY CLEANER

FURMOTO CHEM'CAL CO. (FACTORS) LTD.
1-3 Brixton Road, London, S.W.9

A DELICATE SUBJECT — FOR DELICATE SKINS

The TOTTY-POT

Rubber Ringed for Cushion Comfort

Trade Mark "Totty-Pot" Patent applied for

A NON-CORROSIVE ACID-PROOF HYGIENIC CHILD'S CHAMBER

Detachable ring, easily removed for cleaning purposes

Made of Aluminium

ANODISED IN SOFT PASTEL SHADE

SOLE MANUFACTURERS
J. BILLIG & SONS LTD., BILTIN WORKS, FONTHILL Rd LONDON N.4.
ESTABLISHED 1899 TELEPHONE: ARCHWAY 2753 & 3858

WYLIE'S
Abrasive

HAND SOAP

It's QUICK — It's GOOD!

NVALUABLE IN THESE DAYS OF SOAP SHORTAGE

his is the scarlet and pink tin that catches e customer's eye — outstanding on your elf, compelling in its attractiveness; YLIE'S Abrasive HAND SOAP is kind sensitive skins, it cleans and protects nds, making them soft and supple hile gently removing grime. No grit, acid r caustic. A quality line worthy of warm re-mmendation. Write us now for full details.

NO COUPONS 1/6 IN THE PINK AND RED TIN

YLIE'S CLEANSERS LTD., 12 DARTMOUTH STREET, LONDON, S W.1

GETTING BACK TO NORMAL

veries of Soft Drinks are de-zoned on 12th ober, 1947. This means that from that date you resume business connections with your -concentration suppliers. It is true that limited plies of bottles still restrict output, that nymous labels and fixed standards of quality st remain for a while, and that manufacturers in general allowed to supply only their former tomers on the basis of their purchases in 1942. it's a step in the right direction — a sign t the Soft Drinks Industry is getting back normal. You can help by placing orders h those makers who supplied you in 1942.

S·D·I

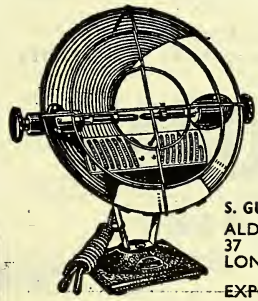
Issued by the
t Drinks Industry (War Time) Association, Limited,
42 Upper Grosvenor Street, W.1

CVS—74

RAYSOL *Super-Tonic* SUNLAMP

Expressly designed for the elimination of pain and as a general tonic. The Raysol Super-Tonic Sunlamp radiates in well balanced proportions a copious emission of Infra-Red Radiant-Heat and Ultra-Violet Rays.

The Raysol Sunlamp is an invaluable ally in maintaining fitness and so securing immunity from colds, influenza and other exhausting ailments.



The Raysol Super-Tonic Sunlamp may be obtained from leading Wholesalers; if difficulty is experienced write for full details and name of your nearest stockist to the sole distributors :—

S. GUITERMAN & Co Ltd
ALDERMAN HOUSE
37 SOHO SQUARE
LONDON - W. I

EXPORT ENQUIRIES INVITED

1/- PROFIT *for you*

ON EVERY 3/5 SIZE

CARTERS LITTLE LIVER PIL

YOU'LL find no difficulty in selling the customer a large-size Carters—you have only to tell him he saves 10d. and gets 5 extra pills. Investigations show that one out of every three customers will buy the large-size Carters Little Liver Pills when it is offered. Supplies are readily available. Send your order now and stop losing easy profits!

ORDER YOUR CARTERS LITTLE LIVER PILLS ***Now***

from THOMAS MARNS LTD., 2 Caxton Street, S.W.1

A SPLENDOR PRODUCT

YOU OUGHT TO STOCK!

An excellent formula
—a striking pack
—a rapid seller
and steadily advertised.

3½d., 6½d., 1/5 and 2/6 Incl. P. Tax

Prompt delivery from all wholesalers or direct from

SPLENDOR LTD.
LONDON and NOTTINGHAM

PROPAX

DOUBLE POWER
TABLETS

REALLY STOP PAIN P.A.T.A.

ASPIRIN 309

Supplies of this New, Palatable a convenient form of Aspirin—with t lemon flavour—are immediately ava able. Extensive Advertising suppo you and attractive display mater sent upon request.

Manufactured by:
SMITH, SAVILLE & PARTNERS Ltd.
Willshaw St., London, S.E.14

EDIBLE EMULSIFIERS

GUARANTEE TO CONFORM TO FOOD & DRUGS SPECIFICATION

SAMPLES & PRICES ON REQUEST

The Faylene Manufacturing Company
15 Queens Court, Lower Briggate, Leeds 1
Telephone 22594

A crying shame!

There are more fretful babies today, because there is less Nurse Harvey's available due to the bottle shortage. Let us know if you are not getting your fair share.

Baby's next best friend..

O. SCRUTON & CO. LTD., BARKER LANE YORK

NURSE HARVEY'S MIXTURE

'Pharmitex' PURE TOILET TISSUE is post war quality and for *Chemists only.*

HAROLD WESLEY LTD.
HARLEY MILLS, LONDON, N.W.10

An advance in

Asthma

medication

Respaton

TABLETS

Indication

Respaton Tablets are specially indicated for the speedy relief of Asthma, Bronchial Asthma, Bronchitis, Emphysema and cognate ailments.

Action

Respaton Tablets are: Antispasmodic, Antipyretic, Analgesic, Sedative.

Formula

Ephedrine Hydrochloride ...	$\frac{1}{4}$	*grain*
Ext. Bellad. Sicc. B.P. ...	$\frac{1}{10}$	,,
Dioxyamidopyrine	$\frac{1}{2}$	,,
Ipecac. Pulverat. B.P. ...	$\frac{1}{2}$	,,
Theobromine	$\frac{3}{8}$	,,
Calcium Lactate	$\frac{3}{8}$	,,
Lactose	$\frac{3}{8}$	,,

Respaton Tablets are now being introduced to the Medical Profession. Chemists would be well advised to lay in a small stock in anticipation of prescriptions.

In Bottles 25 tablets 3/11½d.; 100 tablets 14/1d., inc. P.T. Usual trade terms.

MEDICAL SPECIFICS LTD.
West India House
Maryland Street, Liverpool, 1.

ABBOTT'S STANDARDIZED

BREWER'S YEAST

TABLETS

Abbott Standardized Brewer's Yeast Tablets are indicated in prophylaxis and treatment of certain conditions arising from dietary deficiency of the vitamin B complex. Made from a special strain of Brewer's Yeast, which yields a high content of vitamin B_1, each $7\frac{1}{2}$ grain tablet supplies not less than 15 International units of vitamin B_1 and 20 Sherman units of vitamin B_2.

Supplied in bottles of 100 *and* 1,000 *tablets. Literature and Price List on request.*

For all cases of vitamin therapy, for single or multiple deficiency, there is an eminently suitable and palatable combination in the Abbott range of vitamin products.

ABBOTT LABORATORIES (ENG.) LTD.

WADSWORTH ROAD · PERIVALE · MIDDLESE

NOW AVAILABLE

RHUMUV

BRAND

CAPSULES

This attractive trial show outer contains: 6 x 3/6 Rhumuv Capsules @ 24/- doz. = 12/- + P.Tax 2/- = 14/- 1 only 6/6 @ 44/6 per doz. = 3/8½ + P. Tax 7½d. = 4/4

Total cost—18/4 per carton.

POSTAGE FREE

Rhumuv Capsules give relief from rheumatic pains, headaches, neuralgia, influenza, feverish colds.

Simpkins of Sheffield

THERE IS NOT SUFFICIENT

Beaulah's

FAMOUS MALTED MILK

For all the people who want it.

Our policy therefore is to distribute all available supplies to our Chemist Friends only.

In one popular size only at present ... **2/6**

J. & J. BEAULAH LIMITE
BOSTON LINC

SHERLEY'S always make *Regular Customers!*

o be sure of a fair share of the big, gular demand for the Sherley's eparations please order well ahead— r empty shelves can only mean disap- ointment. There is no treasure like a gular customer. He is the mainstay of ofitable trading; a source of valuable od will. Adequate stocks of Sherley's og and Cat Medicines will keep the regulars" happy and turn many a casual" into a good friend.

HERLEY'S DOG MEDICINES

SHERLEY & CO. LTD., 16/18 MARSHALSEA ROAD, LONDON, S.E.1

"MARIE"

SANITARY TOWELS

The Immaculate Protection

h towel consists of 100 per cent e Bleached Cotton Wool with Rayon/. ton Gossamer covering, including Looped ends, which affords imum Absorbency with Perfect Comfort

ays insist on 100 per cent Bleached Cotton Wool, nothing is so good

be sure of complete and absolute sfaction there is only one answer:—

"MARIE"

BEFORE WEAR REGD.

le Enquiries (Retail):

OWNINGS

ANE ST. MILLS, OLDHAM, LANCS.

Wrens (PTY) LTD.

MANUFACTURERS' REPRESENTATIVES AND WHOLESALE DISTRIBUTORS

P.O. BOX 1689 JOHANNESBURG

SOUTH AFRICA

Sole Distributors and Stockists for REVLON EXPORT Corp., NEW YORK, also VIV Pharmaceuticals Ltd., WINCHESTER, England, etc.

SEEK REPRESENTATION for non-competitive Agencies in TOILET, PATENTED and PROPRIETARY PREPARATIONS for the UNION of SOUTH AFRICA, Northern & Southern Rhodesia, Portuguese East Africa, S.W. Africa and Nyassaland.

For all our Purchases cash payments in London

ORDER IN TIME

FRULIGAR
Garlic Mixture for COUGHS

RETAIL PRICES 1/5 & 2/6
including Purchase Tax

CUPAL MARGINS AND DISCOUNTS

CUPAL LTD., *Manufacturing Chemists*, BLACKBURN

7½D INC. TAX

Sphagnol

The "NATURAL" SHAMPOO

WITH A 40 YEARS' REPUTATION

AVAILABLE FROM ALL WHOLESALERS OR DIRECT FROM:—

Sole Manufacturers

PEAT PRODUCTS (SPHAGNOL) LTD

3, CARMALT GARDENS, LONDON, S.W.15

CODOFORME BOTOL

TABLETS

(Indicated in all types of dry cough)

Owing to circumstances beyond our control, we regret that CODOFORME BOTOL has been in short supply, but we are now pleased to advise you that this preparation.

IS AGAIN AVAILABLE

IN PACKINGS OF 20 AND 250 TABLETS

If any difficulty is experienced in obtaining supplies through the normal trade channels, you are invited to communicate with us.

PATA

CONTINENTAL LABORATORIES LTD.

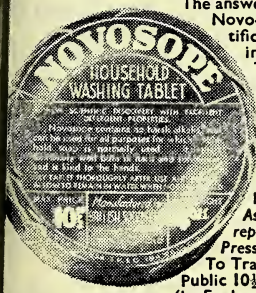
101 GREAT RUSSELL STREET, LONDON, W.C.1

Telephone: MUSEUM 2042/3

Coupon Free!

NOVO-SOPE

The new household washing tablet



The answer to the soap shortage. Novo-sope, the new scientific discovery with amazing cleansing properties. The Novo sope Tablet is ideal for all purposes for which household soap is normally used. It contains no harsh alkalis, is economical in use and **LATHERS EXTREMELY WELL** in hard or soft water.

As recommended and reported in the National Press.

To Trade 7/9 per dozen. To Public 10½d. per tablet.
(In England and Wales only).

RITISH SOLVATES LTD., Wharf Road, Ponders nd, Middlesex. *Tel.: HOWard 2231.*
cottish Distributors: Southern Mfg. Co., Ltd., 214 West Regent Street, Glasgow, C.2
Orders executed in strict rotation.

Place your order for

BRONX 1/-
BRONCHIAL TABLETS INCL. TAX

Now!

Generous Bonus Terms for Season's Supply of this quick - turnover counter line supplied this year in attractive display cartons.

7/2 per doz. plus P.T. Bonus terms for 1 gross and over.

CROSS & MAX LTD.

17/18 Bishop's Court, Old Bailey, London, E.C.4

IF YOU'RE OUT OF ONE RECOMMEND THE OTHER

In these days, when, do what we will, we canno always cope with demand, there is an added advantag in the two kinds of Parmint and their three sizes All our Press advertising feature both Parmints and mentions all thei prices. At the moment the 1/5 read for use Parmint Syrup is in shor supply. If you are temporarily ou of stock, recommend your customer to take a 2/10 bottle or a 3/1½d bottle of the Parmint Concentrate Essences.

and P.A.T.A.

INTERNATIONAL LABORATORIES LTD
1-3, SMEDLEY STREET, LONDON, S.W.

5/3

Lammas's

DEVON VIOLETS

"The Sweetest Gift on Earth"

Guaranteed to contain Natural Violet Flower Extract. Exquisite quality.

	Price to Retailer (+ 100% P.T.)	Retail Price (inc. P.T.)
PERFUME		
1 drachm	**16/-** per doz.	**3/4** per bot.
2 drachms	**30/-** per doz.	**6/3** per bot.
4 drachms	**48/-** per doz.	**10/-** per bot.
FACE POWDER		
Assorted shades	**16/-** per doz.	**3/4** per box
TALCUM POWDER	**16/-** per doz.	**3/4** per tin

Distributors :

BARNES GOWLAND & Co. Ltd.
6 Draper's Gardens, Throgmorton Avenue, London, E.C.2. 'Phone CENtral 0465-6

SIDNEY MARGOLIS
WHOLESALE
CHEMIST - SUNDRIESMAN

64-64a THE BROADWAY
CRICKLEWOOD, LONDON, N.W.
TELEPHONE GLADSTONE 5948/948

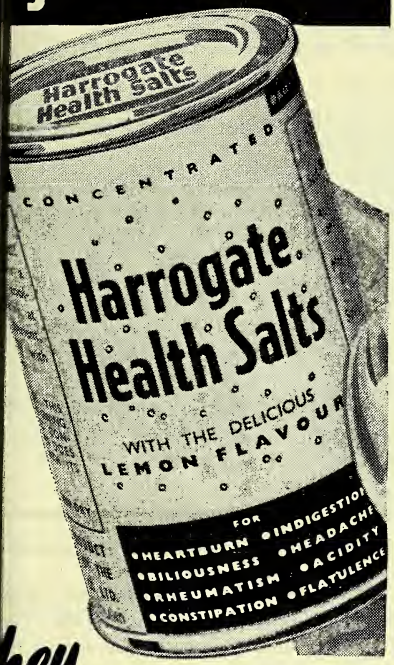
- **1st QUALITY HOUSEHOLD RUBBER GLOVES**
  each pair cellophane packed
  SIZES 6½ to 9 22/9 per doz. prs
  PLUS 33⅓% P. TAX
- **2nd QUALITY HOUSEHOLD RUBBER GLOVES**
  SIZES 6½ to 9 18/- per doz. prs
  PLUS 33⅓% P. TAX

(TERMS NET)

CASH WITH ORDER
IMMEDIATE DELIVERY CARRIAGE PAID

SIDNEY MARGOLIS
TEL. GLADSTONE 5948/9480

ve got to hand it your customers



hey KNOW THAT THE RA QUALITY OF HARROGATE LTH SALTS IS WORTH CH MORE THAN THE LITTLE RE IT COSTS (STANDARD TIN) 2/- ILY TIN) 3/9.

AT ABOUT *you?*

ER FROM THE SOLE SELLING AGENTS

KORAY LTD.

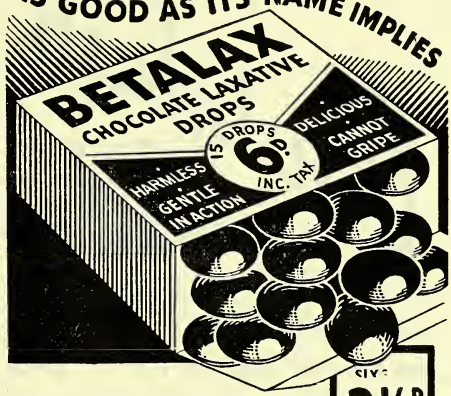
y House, 25 Hanover Sq., London, W.1.
Manufactured by
Harrogate Tablet Co. Ltd., Harrogate.

The Finest

CHOCOLATE LAXATIVE

YOU CAN SELL

AS GOOD AS ITS NAME IMPLIES



GIVES
2½D FIFTEENS 6D

Made to an improved formula, ensuring perfect keeping qualities. Safe and gentle in action. Coated with fine chocolate.

THE BETALAX CO., 25 HANOVER SQUARE, LONDON, W.1

NOW IS THE TIME

to build up your Sales Goodwill and Good Profits with **REQUEST NEW SHAVING CREAM** and **SHAVING STICKS,** the particular man's favourite.

Look out for our National and local Advertising Campaign.

Contact your Wholesaler at once.

For quick delivery of Lather Shaving Cream and Shaving Sticks.

ESMOREA Chemical Products Ltd., 106 Regent St., London, W.1

Also obtainable from our Northern Branch

13 HIGH BRIDGE, NEWCASTLE-ON-TYNE

Telephone—Newcastle 26739

Butylash EYE SHADOW

for BEAUTIFUL EYES AND LONG LASHES

RETAILS **2/6**

Cost 12/- per doz. plus P.T.

BLACK, BROWN, BLUE, GREEN AND COLOURLESS

IN ONE DOZEN DISPLAY OUTERS

ORDER NOW FROM—

S. MAW, SON & SONS LTD., BARNET

We invite all our customers, both whole sale and retail, to visit us at The Tur Head Hotel, Newcastle from 6th Octob to 10th October, inclusive, and Centr Stockrooms, 92 Union Street, Glasg from 13th October to 17th Octob inclusive, where we shall be showing o full ranges of the following merchandis

Cosmetics and Toilet Requisites (Proprietaries) ● Combs ● Hair Nets and Plastic Goods ● Toilet Accessories and Powder Puffs ● Luggage and Travel Goods ● Toys ● Roller Skates ● Christmas Crackers ● Balloons and Carnival Novelties, etc.

Madeleine (Perfumers) Ltd

HOUNDSDITCH AND ALDGATE CORNE LONDON, E.C.3

Telephone: Avenue 3644

Stannard's

Growing Catalogue of Winners
No. **2**

Stannard's ORIGINAL

KOFFS

BRONCHIAL TABLETS

have well merited their formidable lead in this competitive field. Millions sold each year.

Standard Pack: Retail **1/3**; Trade **10/6** per doz., 'Handy-Pak' Tubes: Retail **8d.**; Trade **5/10** per doz. Prices include P.T. Minimum carriage-paid order **30/-**.

Attractive 3-colour display outers. 6-colour showcards.

Other Winter lines: **Bronchettes** for children's coughs, **6d.**; **Mintettes,** for children's 'throats,' **6d.**; **Throat Mints, 8d.**

A. E. STANNARD LTD., TADWORTH, SURREY

Makers of High-Class Stannard's Pharmaceutical Products

MISCELLANEOUS OPPORTUNITIE

Iron Jelloids

So long restricted to 1/4 size only)

are now available to wholesalers and retailers in a

3/3

size (30 days' treatment)

P.A.T.A. minimum wholesale price

27/- doz.

This larger size may also be included in retailers' £5 mixed parcels of Yeast-Vite, Iron Jelloids, Cicfa Tablets, Holloway's Pills and Holloway's Ointment, ordered on DISPLAY TERMS direct from the Sole Distributors:

IRVING'S YEAST-VITE LTD, WATFORD, HERTS

Advt. of The Iron Jelloid Co. Ltd, Watford

● POSTERS ● SHOWCARDS ● PACKAGING, Etc.

STUDIO specializing in manufacturing and wholesale chemists' lines offers a good service to firms seeking new display material.

ALAN DICK STUDIO,
3 PARK AVENUE, TANKERTON, KENT
Phone: Whitstable 3020

"TELBAT" (BRAND)
ASPIRIN TABLETS
5 GRAINS
LARGE QUANTITIES BULK AND PACKED IN 25's, 50's and 100's FOR IMMEDIATE DELIVERY.
Write: **THREE CROWNS TABLET CO.**
21—25 Derringham Street, Hull

Glycerine, Gums; Waxes, "Spermaceti" etc. Essential Oils; Lanoline; Petroleum Jelly; Stearic Acids; French Talcs; Zinc Oxide; Iso Propyl Alcohol; Triethanolamine; Lauryl Alcohol Powder and Paste; Acetic Acid; Glyceryl Monostearate; Cetyl Alchol. All Fine and Heavy Chemicals.

HOME and EXPORT

J. J. VIGON & CO., LTD.
30 Fenchurch Street, London, E.C.3.
Mansion House, 0466/9

Clear Glass—
BOTTLES with bakelite **CAP**
JARS with metal or bakelite **CAP**

Prompt and Reliable Delivery
Price List on enquiry

H. & A. DISTRIBUTORS LIMITE
19 MARKET STREET
Phone: MAIDENHEAD 2311

La ge London Distributing House is looking new lines suitable fo Chemists, High Class Lad Hairdressers and Stores. Sales force covers wh of Great Britain. Will purchase with view to S Distribution. Lines will be nationally advertis
Write giving details to:
British & International Proprietories, Limited,
30, Budge Row, London, E.C.4.

BOTTLES FOR EARLY DELIVERY
New Bottles of all types available for ear delivery. Sizes ½ oz. to 8 ozs. Medicals an Toilets. Send full details of your requirement stating sizes and quantities to Box 164/542 C. & D. Office.

TINS. SEAMLESS. 1-oz. and 2-oz. ca ity, 10-gross cartons. 30/- gr
Carriage forward. Immediate delivery.
CREMSA PRODUCTS,
41, Fountain Street, Manchester, 1. CENtral

OPTICAL TUITION
FOR THE
S.M.C., B.O.A., and N.A.O. DIPLOMA Examination
Particulars:—
C. A. SCURR, F.S.M.C., F.B.O.A., F.N.A.O. F.I.O., F.C.O., M.P.S.
50 HIGH STREET, BARNET, LONDON, N

PRE-PACKING & LABELLING
(We can now accept fresh orders)
LIQUIDS: From Bulk Into any size bottl from ½ oz.
POWDERS & TABLETS: Mixed and packed to customer Specifications.
J. H. WISEMAN & CO. LTD.
100 Blackstock Road, Finsbury Park, N.4.

OUR ORGANISATION WILL—
MANUFACTURE, PACK and DISTRIBUT
your product anywhere in the United Kingdom.
Write in confidence to the Managing Director.
STANWHITE LIMITED
Manufacturing Chemists & Distributors
Parkhouse Works, London, S.E.5. RODney 441

The CHEMIST AND DRUGGIST SUPPLEMENT

s Supplement is in-
ed in every copy of
Chemist & Druggist

28 ESSEX STREET, LONDON, W.C.2.

OCTOBER 4
1947

vailing restrictions and heavy demand on space necessitate the holding over of a number of ertisements week by week. As normal press days are in abeyance advertisers are advised to send ructions as early as possible. Advertisements must be prepaid. Box Office Numbers 2/- extra.

SITUATIONS OPEN

r 36 words or less, 3d. for every additional word

RETAIL (HOME)

SMART, young, qualified assistant required; male or female. No N.H.I. No Sunday or ay duty. Please state usual particulars. Early , Ltd., Chemists, 95 High Street, Chelmsford,

E. HOBBS, LTD., have vacancies for a pharmacist and an unqualified assistant, for disng duties. Excellent opportunities to gain exnce; high-class pharmacy; T.S.A. Licence The positions are permanent with good salary conditions of work. Flat available if necessary. e send full particulars to 72 Mount Pleasant, ridge Wells.

ISTOL. Qualified or unqualified assistant (either sex) wanted. Chiefly for dispensing. hours. Good remuneration. Full particulars trode Cosh & Penfold, Ltd., Lower Union t, Bristol, 1.

EMISTS' assistants (ladies) wanted for clerical work in the N.H.I. checking bureau and stockng departments. Apply National Pharmaceutical n, 4/5 Queen Square, W.C.1.

SPENSER-SECRETARY required; good wages; accommodation can be arranged. Dr. M. ray, 297 Greenford Road, Greenford, Middlesex.

FIELD, North London. Pharmacist required to manage a good class family business in eld district. Scope for development. Good salary ed to competent man. No living accommoda- Apply 1/836, C. & D. Office.

NSBURY PARK. Pharmacist required to manage middle-class brisk family business. ellent salary to energetic, capable man. Attrac- living accommodation available if required. ly 1/839, C. & D. Office.

OLLOWAY, London, N. Manager required for a busy main road pharmacy, must be energetic, rienced, used to N.H.I. Modernised and reno- d living accommodation available. Good salary. ly 1/838, C. & D. Office.

ENT, Folkestone. Dispenser, qualified or un- qualified, required imediately for high-class rmacy. Permanency for right person. State exence and salary required. F. G. Curtis & Son, Sandgate Road, Folkestone, Kent.

ADY dispenser-Book-keeper, single, wanted by firm of doctors. Rooms provided. State age, erience and salary required to Dr. F. V. Squires, ntage, Berks.

EICESTERSHIRE. Manager required for good class store pharmacy in small town in Leicester- e. Regret no living accommodation, but excel- permanent employment offered with good pros- ts to suitable pharmacist. Apply 1/841, C. & D. ice.

LONDON, West End. Qualified or unqualified assistant required, good salary, profit-sharing scheme in operation. Apply in writing to W. George's, Ltd., 10 Irving Street, W.C.2.

PHARMACIST, recently qualified as senior assistant with view to management. Central London. Progressive salary. Apply, 146 Holborn, E.C.1.

PHARMACIST-Optician for large Pharmacy in a main South Birmingham suburb. Applications to Walsh, Superintendent Chemist, Tascos, Co-operative Chemist, Ltd., Birmingham.

PHOTOGRAPHIC salesman, some experience preferred but not essential; progressive position offered to chemist-trained applicant. Apply, Wallace Heaton, P.H.C., 127 New Bond Street, W.1.

POPLAR. Manager, qualified, required for busy pharmacy in Poplar. Good salary offered to energetic man with experience. Permanency with good prospects. Apply 1/837, C. & D. Office.

QUALIFIED dispenser required urgently by busy partnership in Midlands. Apply giving full particulars to Drs. Frier and Allan, Spitalgate House, Grantham, Lincs.

SEVERAL vacancies occur for pharmacist branch managers in various parts of the London area. Positions offer security of tenure and prospects of promotion. Application in first instance to Superintendent Chemist, London Co-operative Chemists, Ltd., 54 Maryland Street, Stratford, E.15.

TIMOTHY WHITES & TAYLORS, LTD. have a vacancy for an experienced unqualified assistant for dispensing and counter duties at their branch at Dover. Good salary paid to first-class man. Convenient interviews arranged. Apply with full particulars, to Retail Staff Dept., Timothy Whites & Taylors, Ltd., 70 Vauxhall Bridge Road, London, S.W.1.

UNQUALIFIED assistants experienced in dispensing. Central London. Progressive salary. Permanency. Apply, 146 Holborn, E.C.1.

UNQUALIFIED assistant required for dispensing duties. Permanent. Good salary. Write or phone for interview. Putney 4748, John Keall, Ltd., 68 West Hill, S.W.18.

UNQUALIFIED assistant, lady or gent, for West End pharmacy. No Saturday afternoon or Sunday duty. Apply with full particulars to John Stanley, Ltd., 129 High Street, Edgware. 'Phone EDG. 8265.

UNQUALIFIED female assistant wanted for branch in Ayr; must have dispensing and counter experience. Apply in writing, giving full particulars of age, experience and when free, to The Technical Supervisor, Scottish Co-operative Wholesale Society, Ltd., Retail Drug Department, 187 Bogmoor Road, Shieldhall, Glasgow, S.W.1.

WEST END, London. Qualified assistant, lady or gentleman, required for West End type of business. Duties principally dispensing and to assist at counter. Good salary. Apply 1/840, C. & D. Office.

WHOLESALE

AGENTS calling on chemists and allied trades required by City firm of wholesalers. Areas vacant are Southern counties, West England, Midlands and Wales. Good commission upon dispatch of goods. Every help and co-operation given. 1/924, C. & D. Office.

ASSISTANT required for works laboratory of small pharmaceutical manufacturers, North London. Five-day week. Applications, stating full particulars of experience, age, salary, of persons willing to be trained for specialised work are invited to 1/922, C. & D. Office.

ASSISTANT sales manager required by leading firm with offices in West End. Knowledge of home market for crude drugs and chemicals essention. 1/893, C. & D. Office.

EXPERIENCED unqualified assistant required for proprietary medical speciality department of wholesale house. Preference given to person resident in Torquay area. Apply with full particulars of age, experience and salary required to J. R. Gibbs, Ltd., Manor Avenue, Paignton.

GENEROUS commission offered to salesmen calling on chemists, haidressers and stores in Home Counties, Lancashire, Cheshire and Wales. Write for details to 1/902, C. & D. Office.

IMPORTERS and wholesalers of bottles and jars require representatives calling on cosmetics manufacturers and first-class pharmacists, chemists, hairdressers. Car essential. Commission and car allowance. Territories : (1) Lancashire-Cheshire; (2) Yorkshire-Northumberland-Durham; (3) Norfolk-Suffolk-Hunts-Cambs-Lincs-Rutland; (4) Scotland; (5) Wales; (6) London. 1/857, C. & D. Office.

MANUFACTURING chemists require first-class representative for Glasgow and S.W. Scotland. Essential qualifications, first-class, live, energetic man capable of large turnover with established connection chemists, hairdressers, grocers, ironmongers, etc. Own car essential. Salary, car allowance, expenses and commission. Send full details, experience, age, etc., with first letter. Write 1/914, C. & D. Office.

MANUFACTURERS of established cosmetic speciality require live sales representative already calling on chemists, drug and department stores. Area: Somerset, Wiltshire, Hampshire, Dorset, Devon and Cornwall. Commission basis. 1/926, C. & D. Office.

MANUFACTURERS of established cosmetic speciality require live sales representative already calling on chemists, drug and department stores. Area: Bedfordshire, Hertfordshire, Buckinghamshire, Oxfordshire, Berkshire, Surrey, Middlesex and Sussex. Commission basis. 1/927, C. & D. Office.

PHARMACIST required by wholesale chemists as representative to sell drugs and proprietary medical specialities in South and West England. Established connections with chemists preferred. Own car an advantage. Excellent prospects. Apply giving full particulars to J. R. Gibbs, Ltd., Manor Avenue, Paignton, S. Devon.

QUALIFIED chemist with chemical or pharmaceutical qualifications required for the analytical control laboratory of a toilet and perfumery factory in North-West London. The position is a permanent one. Commencing salary £450. Write giving full details to 1/874, C. & D. Office.

QUALIFIED chemist with chemical or pharmaceutical qualifications required for the manufacturing department of a West London firm of manufacturing chemists. The position is a permanent one. Commencing salary £450. Write giving full details to 1/873, C. & D. Office.

REPRESENTATIVES required by manfact of high-class quick selling lines. Must good connections to chemists. All areas. Gen commission. 1/798, C. & D. Office.

REPRESENTATIVES (must be car owners) required by a leading firm of manufact chemists for the following territories (a) Midl (b) Yorkshire; (c) South Wales. Only experie men with a sound knowledge of pharmacy, thera tics, surgical instruments, etc., need apply. S £350 p.a., with commission and car allow 1/906, C. & D. Office.

REPRESENTATIVES required on a high mission basis to handle medicated tablets, metics and powder puffs, to the chemist and a trades in (a) Lancashire, (b) Scotland, (c) Nortl berland, Cumberland, Westmorland and Durl (d) Kent, Surrey and Sussex. Please reply st lines handled and territory covered. 1/918, C. & Office.

REQUIRED, good speciality traveller to ha smart range of pharmaceutical products, have experience in calling on grocery trade an willing to travel in any part of the country. living in the Midlands or Northern Counties ferred. Remuneration by salary and expenses. a representative required for a London terri Apply with fullest particulars to Kempac Bradford Road, Batley.

THE BRITISH DRUG HOUSES, LTD., req chemists of B.Sc. or equivalent qualificat in production, research and analytical departm —experience desirable but not essential. Lab tory technicians also required with Inter. B qualifications. Please forward record of quali tions and past experience to the Personnel Man (Ref. P), Graham Street, City Road, N.1.

TRAVELLER required with connections for W wickshire, Notts and Worcs. To call on ch ists, stores and Co-operative societies with chem sundries and fancy goods. Car an asset. Wa commission and expenses to the right man. W replying, please give particulars of present emp connection and references, 1/903, C. & D. Offic

WANTED. Experienced tablet maker. G salary and bonus. London area. 1/9 C. & D. Office.

WELL-ESTABLISHED London exporting h have vacancy for depart. manager able work on own initiative to take charge of essen oils, drugs and fine chemicals. Previous experie essential. Good prospects for energetic and am tious worker. Write full particulars in confidence 1/825. C. & D. Office.

XMAS representatives and agents requi Christmas novelties and gift lines are invi to communicate, giving particulars of territ BCM/BONHEURE, W.C.2.

WHOLESALE (OVERSEAS)

REQUIRED for India—Bengal, where commu disturbances do not prevail — a chemist w first-class experience in the manufacture of che cals and pharmaceuticals. The laboratory and f tory are entirely new, consequently the applic will have to be capable of directing the installat of plant, putting the factory into immediate p duction and training native labour. To the select applicant a salary of £2,000 per annum, plus co mission, will be paid. The General Manager of Company is now in England and interviews will granted in London. Write Box T.7122, c Misani, 49 Chancery Lane, W.C.2.

SOUTH AFRICA. Experienced surgical inst ment salesman required for progressive post Cape Town. Applicant should have personality a keen business ability to interview professional clien A single man aged 30-35 years preferred. F fuller particulars, write, stating qualifications, et to 1/899, C. & D. Office.

SITUATIONS WANTED

8 words or less, 1d. for every additional word

RETAIL (HOME)

TANT. Competent salesman, dispenser, qualified, elderly. Accustomed to manage, c/o Miss Quinn, 2 Laxey Road, Green reen, Farnborough, Kent.

IST (50), requires responsible position, il or wholesale. Apply with full particu- /911, C. & D. Office.

, aged 30, recently qualified, Hall certificate, sires full or part-time work with doctor or for 2 or 3 months. Preferably London. rly November. 1/909, C. & D. Office.

CUMS SEEKING ENGAGEMENTS

IST free to undertake locum work. Apply h full particulars. 1/912, C. & D. Office.

WHOLESALE

RMACIST (31), experienced all branches, eks situation in S. Wales; anything con- in wholesale, including representation, lab- hospital, or retail. 1/905, C. & D. Office.

RESENTATIVE with connection chemists, ith and West of England, desires position m of repute. 1/925, C. & D. Office.

RESENTATIVE well-known in Hants, Wilts, rset, requires one or two additional lines for chemists, Co-ops, stores and grocers. ar. First-class representation and results teed if sole distribution granted. Commission xpense basis preferred. 1/923, C. & D.

ES executive and senior representative of im- tant company now forming own sales organ- desire one or two additional lines suitable emists, Co-operative societies, etc. Already enting first-class food house in South and and have additional important contacts hout the Country. Willing to consider any able proposition from house of repute and rn will guarantee coverage and results. 1/921, D. Office.

DE MARK Officer and consultant, age 33, ossessing comprehensive knowledge and experi- Trade Mark law, practice, formalities, both and overseas, seeks permanent, progressive, sible, salaried post with large organisation or of companies. 1/907, C. & D. Office.

AGENCIES

or 36 words or less, 4d. for every additional word

ENTS required for (1) Lancashire, (2) Hamp- shire and South-west (excluding Wales). Must ell introduced to chemists and prepared to serious representation. One nationally adver- proprietary and a range of other proved pro- available. Applicants must state, in confidence, already handled and give full relevant details st letter. Commission and part expenses or ission only. 1/920, C. & D. Office.

AGENCIES WANTED

or 36 words or less, 3d. for every additional word

RM with showroom and offices in Knightsbridge istrict wish to represent manufacturer or esaler. 1/910, C. & D. Office.

APPOINTMENTS

CORPORATION OF WILLESDEN

APPOINTMENT OF PHARMACIST.

The Council invite applications for the following appointment:—

ASSISTANT PHARMACIST. The salary will be in accordance with the Joint Negotiating Committee at the rate of £370 per annum, rising by four annual increments of £15 and one increment of £20 to a maximum of £450.

The work will be carried out at the hospitals and health centres, and previous experience will be taken into consideration in determining the commencing salary.

The appointment is terminable by one month's notice on either side and is subject to the provisions of the Local Government Superannuation Act, 1937, to the regulations governing officers of the Council and to a satisfactory medical examination.

Off duty is granted one Saturday morning in every three.

The candidates appointed will work under the direction of the Chief Pharmacist.

Forms of application may be obtained from the Medical Officer of Health, Health Department, 54 Winchester Avenue, Kilburn, N.W.6, to whom they must be returned marked "Pharmacist" not later than October 10, 1947.

Canvassing will disqualify and applicants must disclose any relationship with any member of the authority.

R. S. FORSTER,
Town Clerk.

Town Hall, Dyne Road,
Kilburn, N.W.6.

SURREY COUNTY COUNCIL

ASSISTANT PHARMACIST required at:—
EPSOM COUNTY HOSPITAL, Dorking Road, Epsom.

Commencing salary on grade £370 x £15—£430 x £20—£450 p.a. inclusive.

Applications in writing, stating age, qualifications, and experience, with copies of not more than three recent testimonials, should be sent to the Medical Superintendent of the Hospital.

BUSINESS OPPORTUNITIES

17/6 for 36 words or less, 4d. for every additional word

LET us handle the sale of your speciality. Good results. W. M. Gardner & Co., Ltd., 68 Kilburn Park Road, London, N.W.6. Telephone Maida Vale, 6205.

WEST LONDON factory, 2,000 square feet, has capacity and capital to manufacture any articles for which materials are available, preferably for chemical or similar products, non-inflammable only. Write Box N 6270, A. K. Advertising, 212A Shaftesbury Avenue, W.C.2.

BUSINESSES WANTED

8/6 for 36 words or less, 3d. for every additional word

BUSINESS wanted in or near Hull. Turnover must exceed £4,000 per annum. Cash waiting. Replies treated in strict confidence. 1/919, C. & D. Office.

DRUG and surgical stores wanted by ex-Serviceman. Capital available for purchase of property if necessary. B. W., 11 Frognal Court, N.W.3. Phone TEM 2838.

BUSINESSES FOR DISPOSAL

8/6 for 36 words or less, 3d. for every additional word

OLD-ESTABLISHED, high-class chemist's business in the City of Armagh, in Northern Ireland, for sale. The premises in which the business is carried on are ideally situated in the main shopping centre, and are available upon lease. For further particulars, apply to 1/904, C. & D. Office.

STOCKPORT (Heaton Norris). Owing to death of proprietor. Old-established chemist's shop with separate living accommodation. Populous district; no opposition. Takings £4,000 per year (includes £1,000 N.H.I.). Full particulars from C. Taylor & Sons, Auctioneers, 31 Lloyd Street, Manchester, 2. Tel. BLAckfriars 4418.

MISCELLANEOUS SALES

17/6 for 36 words or less, 4d. for every additional word

FOR SALE, 5 cwt. stearic acid, triple pressed, melting point 125. Apply 1/901, C. & D. Office.

FOR SALE. Stearic acid triple pressed, 5 cwt. Offers to 1/928, C. & D. Office.

NEW BB3 tablet machine for sale, complete with 3 phase motor, 33 punch model, 1,200 tablets per minute, unused. Offers in writing to 1/915, C. & D. Office.

300 GROSS screw cap ½-oz. Cannons. 200 gross ½-oz. perfume bottles. Bakelite screw caps. 100 gross tail combs. All new unused. Samples and prices. 1/900, C. & D. Office.

500 SURPLUS hot water bottles available to retailers at controlled prices, 6/3 each, plus ⅕th P.T. Controlled retail selling price 9/11½d. Samples against order, immediate delivery. Barnes Gowland & Co., Ltd., 6 Drapers' Gardens, Throgmorton Ave., E.C.2. Central 0465/6.

WANTED

8/6 for 36 words or less, 3d. for every additional word

LIQUORICE and menthol pellets required in bulk. 1/640, C. & D. Office.

MANUFACTURING chemists require pelleting machine, power driven. Full particulars to Taylor, MacArthur, Ltd., 271 Wakefield Road, Huddersfield.

MESSRS. T. H. WALTON & CO., LTD., Bradford Road, Batley, would like to contact any firms who have bottles of all shapes and sizes to offer. They would also be pleased to see any representatives of such firms when they are in this district.

PARAFF. Molle Alb. B.P., any quantity required. Offers to Willsons, 19 Beastfair, Pontefract.

WANTED. Dry or fluid extract of convallaria. Offers to James Starr & Co., Newland Street Works, Derby. Tel. 3596.

WANTED. Sifting and mixing machine for talcum powder, capacity up to 150 lbs. 1/832, C. & D. Office.

WANTED urgently: 10 gross each stoppered and C.M. 20 oz. bottles. Must be amber, win. shape. Good price paid. Reply 1/435, C. & D. Office.

WANTED. 500 gross bakelite caps, size 22 m.m., complete with wads; any colour. Immediate delivery. Sample and quote price, quantity available. 1/917, C. & D. Office.

WHITE petroleum jelly B.P., white odourless oil, triple pressed stearic acid, all urgently wanted. 1/913, C. & D. Office.

FOR SALE

8/6 for 36 words or less, 3d. for every additional

ROBERTS' patent tin filling machine. Un For sale. BCM/BONHEURE, W.C.2.

2 PEAR-SHAPED carboys, height 31 in. on st personal weighing machine, beam type; S Offers to 1/908, C. & D. Office.

SALES BY AUCTION

ROGERS, CHAPMAN & THOMAS will sell by Auction at The London Auction M On October 14, 1947
THE VALUABLE FREEHOLD SHOP and UPPER PART
31 VILLIERS STREET, CHARING CRO W.C.2
WITH VACANT POSSESSION
In a first-class trading position close to Strand and Charing Cross Station. F particulars from the Auctioneers: 36 Southan ton Street, Strand, W.C.2. (TEMple Bar 525

TRADE MARKS

THE following Trade Marks have been assi as of date the 30th March, 1946, by B Cod Liver Oil Products (Hull), Limited (now Hull Cod Liver Oils Limited), of Hull, to B Cod Liver Oils (Hull & Grimsby) Limited, o Andrew's Dock, Hull, *without the goodwill* o business in which they were then in use:—

Mark	No.	Goods Registered
ULLVITAX	559151	Fish oils and by-pro thereof prepared fo in medicine and p macy.
ALLVITAX	559152	do.
SOLVITAX	559153	Fish oils and by-pro thereof prepared fo ternal use in med and pharmacy.
Trawler device	560742	Preparations of cod oil for veterinary poses.
do.	560743	Preparations of cod oil for use in med and pharmacy.
do.	563820	Preparations of cod oil for use as food.
SOLVITAX	565223	Fish oils and by-pro thereof prepared for erinary purposes.
SOLVITAX	565224	Fish oils and by-pro thereof all for use food or as ingredient food.
SOLVITAX and trawler device.	567753	Preparations of cod oil for veterinary poses.
do.	567754	Preparations of cod oil for use in medi and pharmacy.
do.	567755	Preparations of cod being foodstuffs.
SEVENSEAS	575062	Fish oils and by-prod thereof prepared for in medicine and p macy.
do.	575889	Fish oils and by-prod thereof prepared for erinary purposes.
do.	575890	Fish oils and by-prod thereof all for use food or as ingredient food.
SOLVITAX	630695	Vegetable oils and ve able fats, all for foo

Printed by The Haycock Press, Ltd., 106-140 Neate Street, Camberwell, S.E.5, and Published by the Proprietors, Morgan Brothers (Publishers), Limited, at 28 Essex Street, Strand, London, W.C.2. (6

IMPERIAL LEATHER

HAND-FINISHED

Toilet Soaps

The Imperial Leather Toilet Soap made by Cussons has a consistent record of success. The steadily expanding market for this product indicates a widespread appreciation of really fine hand-finished Toilet Soap.

IL

Cussons

Cussons Sons & Co. Ltd, 84 Brook Street, Grosvenor Sq, London W.1

COX

BEHIND THIS FAMOUS TRADE MARK STANDS OVER A CENTURY OF SUCCESSFUL PRODUCTION OF

PILLS & TABLETS

OUR LONG EXPERIENCE AND OUTSTANDING PRODUCTION FACILITIES ARE AT YOUR SERVICE

COX

ARTHUR H. COX & CO. LIMITED
BRIGHTON

Printed by The Haycock Press, Ltd., 106-140 Neate Street, Camberwell, S.E.5, and Published by the Proprietors, Morgan Brothers (Publishers), Limited, at 28 Essex Street, Strand, London, W.C.2.